

# Supplemental Materials

*Molecular Biology of the Cell*

Sarker et al.

## Supplementary Table S1.

Comparison of proteins immunoprecipitated from NHE3-Wt and NHE3-S719A. This is the full list of co-immunoprecipitated proteins listed in order from lowest highest NHE3-S719S/NHE3-Wt. Identified proteins were normalized according to the ratio of NHE3-Wt and NHE3-S719A total unique spectral counts (spectra on peptide sequences that are unique to a protein). Any negative or 0 value considered 1.

Identified Proteins	Accession No	MW	Exclusive Unique Spect Count Normalized		
			Wt	S719A	S719A/Wt
26S proteasome non-ATPase regulatory subunit 1 isoform 1 [Homo sapiens]	gi 25777600	106 kDa	12.0	1.0	0.08
large proline-rich protein BAG6 isoform a [Homo sapiens]	gi 149158692	119 kDa	11.0	1.0	0.09
heat shock 70 kDa protein 6 [Homo sapiens]	gi 34419635	71 kDa	11.0	1.0	0.09
26S protease regulatory subunit 6A [Homo sapiens]	gi 21361144	49 kDa	11.0	1.0	0.09
26S protease regulatory subunit 6B isoform 2 [Homo sapiens]	gi 24430155	44 kDa	11.0	1.0	0.09
long-chain-fatty-acid--CoA ligase 1 isoform a [Homo sapiens]	gi 40807491	78 kDa	10.0	1.0	0.10
dnaJ homolog subfamily B member 1 isoform 1 [Homo sapiens]	gi 5453690	38 kDa	9.0	1.0	0.11
ribosome-binding protein 1 [Homo sapiens]	gi 110611218	109 kDa	9.0	1.0	0.11
26S proteasome non-ATPase regulatory subunit 3 [Homo sapiens]	gi 25777612	61 kDa	8.0	1.0	0.13
26S proteasome non-ATPase regulatory subunit 13 isoform 1 [Homo sapiens]	gi 157502193	43 kDa	8.0	1.0	0.13
T-complex protein 1 subunit gamma isoform a [Homo sapiens]	gi 63162572	61 kDa	8.0	1.0	0.13
FAS-associated factor 2 [Homo sapiens]	gi 24797106	53 kDa	7.0	1.0	0.14
myosin-9 [Homo sapiens]	gi 12667788	227 kDa	7.0	1.0	0.14
solute carrier family 2, facilitated glucose transporter member 1 [Homo sapiens]	gi 166795299	54 kDa	6.0	1.0	0.17
sequestosome-1 isoform 2 [Homo sapiens]	gi 214830438	39 kDa	6.0	1.0	0.17
26S proteasome non-ATPase regulatory subunit 11 [Homo sapiens]	gi 28872725	47 kDa	6.0	1.0	0.17
PREDICTED: 26S protease regulatory subunit 8 isoform X1 [Homo sapiens]	gi 578831151	46 kDa	6.0	1.0	0.17
4F2 cell-surface antigen heavy chain isoform b [Homo sapiens]	gi 61744477	68 kDa	6.0	1.0	0.17
26S protease regulatory subunit 10B [Homo sapiens]	gi 195539395	46 kDa	6.0	1.0	0.17
stromal interaction molecule 1 isoform 2 precursor [Homo sapiens]	gi 21070997	77 kDa	6.0	1.0	0.17
UDP-glucuronosyltransferase 2B17 precursor [Homo sapiens]	gi 4507821	61 kDa	6.0	1.0	0.17
very long-chain acyl-CoA synthetase isoform 1 [Homo sapiens]	gi 227499619	70 kDa	6.0	1.0	0.17
heterogeneous nuclear ribonucleoprotein H [Homo sapiens]	gi 381342476	49 kDa	5.0	1.0	0.20
ubiquitin-associated domain-containing protein 2 isoform 1 precursor [Homo sapiens]	gi 221316645	39 kDa	5.0	1.0	0.20
apoptosis-inducing factor 1, mitochondrial isoform 2 precursor [Homo sapiens]	gi 22202629	66 kDa	5.0	1.0	0.20
ATP-binding cassette sub-family D member 3 isoform a [Homo sapiens]	gi 4506341	75 kDa	5.0	1.0	0.20
neutral alpha-glucosidase AB isoform 3 precursor [Homo sapiens]	gi 88900491	109 kDa	5.0	1.0	0.20
T-complex protein 1 subunit alpha isoform a [Homo sapiens]	gi 57863257	60 kDa	5.0	1.0	0.20
PREDICTED: splicing factor 3B subunit 1 isoform X1 [Homo sapiens]	gi 530370087	130 kDa	5.0	1.0	0.20
sarcoplasmic/endoplasmic reticulum calcium ATPase 2 isoform b [Homo sapiens]	gi 24638454	115 kDa	5.0	1.0	0.20
Golgi apparatus protein 1 isoform 2 precursor [Homo sapiens]	gi 224586815	136 kDa	5.0	1.0	0.20
sphingosine-1-phosphate lyase 1 [Homo sapiens]	gi 31982936	64 kDa	5.0	1.0	0.20
histone H2B type 1-D [Homo sapiens]	gi 10800138	14 kDa	4.0	1.0	0.25
proteasome subunit alpha type-7 [Homo sapiens]	gi 4506189	28 kDa	4.0	1.0	0.25
proteasome subunit alpha type-4 isoform 1 [Homo sapiens]	gi 156713442	29 kDa	4.0	1.0	0.25
proteasome subunit alpha type-1 isoform 1 [Homo sapiens]	gi 23110935	30 kDa	4.0	1.0	0.25
peroxiredoxin-6 [Homo sapiens]	gi 4758638	25 kDa	4.0	1.0	0.25
proteasome subunit alpha type-3 isoform 2 [Homo sapiens]	gi 23110939	28 kDa	4.0	1.0	0.25
dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B [Homo sapiens]	gi 30578410	94 kDa	4.0	1.0	0.25
26S proteasome non-ATPase regulatory subunit 12 isoform 1 [Homo sapiens]	gi 4506221	53 kDa	4.0	1.0	0.25
protein TBRG4 isoform 3 [Homo sapiens]	gi 387912543	72 kDa	4.0	1.0	0.25
alcohol dehydrogenase 4 [Homo sapiens]	gi 71565152	40 kDa	4.0	1.0	0.25
calcium/calmodulin-dependent protein kinase type II subunit delta isoform 5 [Homo sapiens]	gi 212549753	56 kDa	4.0	1.0	0.25
nicalin precursor [Homo sapiens]	gi 51873031	63 kDa	4.0	1.0	0.25
rho-associated protein kinase 2 [Homo sapiens]	gi 41872583	161 kDa	4.0	1.0	0.25
estradiol 17-beta-dehydrogenase 12 [Homo sapiens]	gi 7705855	34 kDa	4.0	1.0	0.25
lanosterol 14-alpha demethylase isoform 2 [Homo sapiens]	gi 225903399	46 kDa	4.0	1.0	0.25
ubiquitin-like protein 4A [Homo sapiens]	gi 7657667	18 kDa	4.0	1.0	0.25
26S proteasome non-ATPase regulatory subunit 4 [Homo sapiens]	gi 5292161	41 kDa	4.0	1.0	0.25
BAG family molecular chaperone regulator 5 isoform b [Homo sapiens]	gi 62548854	51 kDa	4.0	1.0	0.25
hydroxysteroid dehydrogenase-like protein 2 isoform 2 [Homo sapiens]	gi 308044580	37 kDa	4.0	1.0	0.25
PREDICTED: HLA class I histocompatibility antigen, A-2 alpha chain isoform X3 [Homo sapiens]	gi 530429121	44 kDa	4.0	1.0	0.25
PREDICTED: fragile X mental retardation syndrome-related protein 1 isoform X1 [Homo sapiens]	gi 530375353	89 kDa	4.0	1.0	0.25
heterogeneous nuclear ribonucleoprotein M isoform a [Homo sapiens]	gi 14141152	78 kDa	4.0	1.0	0.25
adipocyte plasma membrane-associated protein [Homo sapiens]	gi 24308201	46 kDa	4.0	1.0	0.25
catenin delta-1 isoform 3A [Homo sapiens]	gi 146231948	93 kDa	4.0	1.0	0.25
coatamer subunit beta [Homo sapiens]	gi 221316630	107 kDa	4.0	1.0	0.25
PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X1 [Homo sapiens]	gi 530426344	482 kDa	4.0	1.0	0.25
calcineurin B homologous protein 1 [Homo sapiens]	gi 6005731	22 kDa	9.0	2.8	0.31
dnaJ homolog subfamily A member 2 [Homo sapiens]	gi 5031741	46 kDa	9.0	2.8	0.31
calnexin precursor [Homo sapiens]	gi 10716563	68 kDa	13.0	4.1	0.32
histone H3.1 [Homo sapiens]	gi 10440560	15 kDa	3.0	1.0	0.33
histone H1.2 [Homo sapiens]	gi 4885375	21 kDa	3.0	1.0	0.33
proteasome subunit beta type-2 isoform 1 [Homo sapiens]	gi 4506195	23 kDa	3.0	1.0	0.33

26S proteasome non-ATPase regulatory subunit 14 [Homo sapiens]	gi 5031981	35 kDa	3.0	1.0	0.33
ras-related protein Rab-5C isoform b [Homo sapiens]	gi 354721184	27 kDa	3.0	1.0	0.33
wolframin [Homo sapiens]	gi 224994203	100 kDa	3.0	1.0	0.33
nucleolin [Homo sapiens]	gi 55956788	77 kDa	3.0	1.0	0.33
chloride channel CLIC-like protein 1 isoform 1 precursor [Homo sapiens]	gi 115270970	62 kDa	3.0	1.0	0.33
regulator of microtubule dynamics protein 1 isoform 1 [Homo sapiens]	gi 116875831	36 kDa	3.0	1.0	0.33
reticulocalbin-2 isoform b precursor [Homo sapiens]	gi 426214088	39 kDa	3.0	1.0	0.33
methyltransferase-like protein 7B precursor [Homo sapiens]	gi 164663805	28 kDa	3.0	1.0	0.33
protein transport protein Sec61 subunit alpha isoform 1 [Homo sapiens]	gi 7019415	52 kDa	3.0	1.0	0.33
histone H1.5 [Homo sapiens]	gi 4885381	23 kDa	3.0	1.0	0.33
26S proteasome non-ATPase regulatory subunit 6 isoform 1 [Homo sapiens]	gi 422398832	52 kDa	3.0	1.0	0.33
coatamer subunit gamma-1 [Homo sapiens]	gi 11559929	98 kDa	3.0	1.0	0.33
voltage-dependent anion-selective channel protein 2 isoform 1 [Homo sapiens]	gi 296317337	33 kDa	3.0	1.0	0.33
fructose-bisphosphate aldolase A isoform 1 [Homo sapiens]	gi 193794814	39 kDa	3.0	1.0	0.33
serine/threonine-protein phosphatase PGAM5, mitochondrial isoform 1 [Homo sapiens]	gi 281604136	32 kDa	3.0	1.0	0.33
dnaj homolog subfamily C member 7 isoform 2 [Homo sapiens]	gi 221219056	50 kDa	3.0	1.0	0.33
multidrug resistance protein 1 [Homo sapiens]	gi 42741659	141 kDa	3.0	1.0	0.33
annexin A7 isoform 1 [Homo sapiens]	gi 4502111	50 kDa	3.0	1.0	0.33
ezrin [Homo sapiens]	gi 161702986	69 kDa	3.0	1.0	0.33
60S ribosomal protein L35a [Homo sapiens]	gi 16117791	13 kDa	3.0	1.0	0.33
heterogeneous nuclear ribonucleoprotein F [Homo sapiens]	gi 148470397	46 kDa	3.0	1.0	0.33
hydroxymethylglutaryl-CoA synthase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 5031751	57 kDa	3.0	1.0	0.33
heterogeneous nuclear ribonucleoprotein A1 isoform b [Homo sapiens]	gi 14043070	39 kDa	3.0	1.0	0.33
leucine-rich repeat-containing protein 57 [Homo sapiens]	gi 194394161	27 kDa	3.0	1.0	0.33
ruvB-like 1 [Homo sapiens]	gi 4506753	50 kDa	3.0	1.0	0.33
volume-regulated anion channel subunit LRRC8B [Homo sapiens]	gi 197333692	92 kDa	3.0	1.0	0.33
heterogeneous nuclear ribonucleoprotein L isoform a [Homo sapiens]	gi 52632383	64 kDa	3.0	1.0	0.33
aspartate--tRNA ligase, cytoplasmic isoform 1 [Homo sapiens]	gi 45439306	57 kDa	3.0	1.0	0.33
BAG family molecular chaperone regulator 3 [Homo sapiens]	gi 14043024	62 kDa	3.0	1.0	0.33
ER membrane protein complex subunit 1 isoform 1 precursor [Homo sapiens]	gi 22095331	112 kDa	3.0	1.0	0.33
PREDICTED: dnaj homolog subfamily B member 4 isoform X1 [Homo sapiens]	gi 530361651	25 kDa	3.0	1.0	0.33
PREDICTED: UPF0378 protein KIAA0100 isoform X1 [Homo sapiens]	gi 530411227	254 kDa	3.0	1.0	0.33
fatty acid synthase [Homo sapiens]	gi 41872631	273 kDa	3.0	1.0	0.33
vesicular integral-membrane protein VIP36 precursor [Homo sapiens]	gi 5803023	40 kDa	3.0	1.0	0.33
alpha-amino adipic semialdehyde dehydrogenase isoform 3 [Homo sapiens]	gi 320202964	54 kDa	3.0	1.0	0.33
protein disulfide-isomerase A4 precursor [Homo sapiens]	gi 4758304	73 kDa	3.0	1.0	0.33
nuclear fragile X mental retardation-interacting protein 2 [Homo sapiens]	gi 32698730	76 kDa	3.0	1.0	0.33
transmembrane 9 superfamily member 4 precursor [Homo sapiens]	gi 164519076	75 kDa	3.0	1.0	0.33
NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial precursor [Homo sapiens]	gi 4505371	24 kDa	3.0	1.0	0.33
transmembrane protein 43 [Homo sapiens]	gi 13236587	45 kDa	3.0	1.0	0.33
40S ribosomal protein S12 [Homo sapiens]	gi 14277700	15 kDa	3.0	1.0	0.33
vesicle-associated membrane protein-associated protein B/C isoform 1 [Homo sapiens]	gi 4759302	27 kDa	3.0	1.0	0.33
26S protease regulatory subunit 4 [Homo sapiens]	gi 24430151	49 kDa	8.0	2.8	0.35
spectrin alpha chain, non-erythrocytic 1 isoform 2 [Homo sapiens]	gi 154759259	285 kDa	23.0	8.3	0.36
26S protease regulatory subunit 7 isoform 1 [Homo sapiens]	gi 4506209	49 kDa	19.0	6.9	0.36
dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit precursor [Homo sapiens]	gi 20070197	51 kDa	7.0	2.8	0.39
filamin-C isoform a [Homo sapiens]	gi 116805322	291 kDa	7.0	2.8	0.39
kinesin-like protein KIF11 [Homo sapiens]	gi 13699824	119 kDa	7.0	2.8	0.39
NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial isoform 2 precursor [Homo sapiens]	gi 316983154	75 kDa	6.0	2.8	0.46
phenylalanine--tRNA ligase alpha subunit [Homo sapiens]	gi 4758340	58 kDa	6.0	2.8	0.46
alpha-actinin-4 [Homo sapiens]	gi 12025678	105 kDa	6.0	2.8	0.46
nodal modulator 1 precursor [Homo sapiens]	gi 51944953	134 kDa	6.0	2.8	0.46
stress-induced-phosphoprotein 1 isoform a [Homo sapiens]	gi 544063423	68 kDa	6.0	2.8	0.46
probable ATP-dependent RNA helicase DDX5 [Homo sapiens]	gi 4758138	69 kDa	6.0	2.8	0.46
carbamoyl-phosphate synthase [ammonia], mitochondrial isoform a precursor [Homo sapiens]	gi 169790915	166 kDa	12.0	5.5	0.46
zinc finger protein 518A isoform b [Homo sapiens]	gi 512388677	106 kDa	2.0	1.0	0.50
cyclin-dependent kinase 1 isoform 1 [Homo sapiens]	gi 4502709	34 kDa	2.0	1.0	0.50
eukaryotic translation initiation factor 6 isoform c [Homo sapiens]	gi 31563374	24 kDa	2.0	1.0	0.50
60S ribosomal protein L10a [Homo sapiens]	gi 15431288	25 kDa	2.0	1.0	0.50
proteasome subunit beta type-1 [Homo sapiens]	gi 4506193	26 kDa	2.0	1.0	0.50
40S ribosomal protein S20 isoform 1 [Homo sapiens]	gi 226246671	16 kDa	2.0	1.0	0.50
40S ribosomal protein S17 [Homo sapiens]	gi 4506693	16 kDa	2.0	1.0	0.50
60S ribosomal protein L22 proprotein [Homo sapiens]	gi 4506613	15 kDa	2.0	1.0	0.50
Golgi to ER traffic protein 4 homolog [Homo sapiens]	gi 38570062	37 kDa	2.0	1.0	0.50
14-3-3 protein beta/alpha [Homo sapiens]	gi 21328448	28 kDa	2.0	1.0	0.50
FAD-linked sulfhydryl oxidase ALR [Homo sapiens]	gi 54112432	23 kDa	2.0	1.0	0.50
B box and SPRY domain-containing protein [Homo sapiens]	gi 154354992	44 kDa	2.0	1.0	0.50
26S proteasome non-ATPase regulatory subunit 8 [Homo sapiens]	gi 156631005	40 kDa	2.0	1.0	0.50
prostaglandin E synthase 2 isoform 1 [Homo sapiens]	gi 13376617	42 kDa	2.0	1.0	0.50
proteasome subunit beta type-6 isoform 1 proprotein [Homo sapiens]	gi 23110925	25 kDa	2.0	1.0	0.50
40S ribosomal protein S15 [Homo sapiens]	gi 4506687	17 kDa	2.0	1.0	0.50
elongation factor 1-beta [Homo sapiens]	gi 11136628	25 kDa	2.0	1.0	0.50

proteasome subunit alpha type-6 isoform a [Homo sapiens]	gi 23110944	27 kDa	2.0	1.0	0.50
proteasome subunit beta type-7 proprotein [Homo sapiens]	gi 4506203	30 kDa	2.0	1.0	0.50
cytochrome c oxidase subunit II (mitochondrion) [Homo sapiens]	gi 251831110	26 kDa	2.0	1.0	0.50
60S acidic ribosomal protein P2 [Homo sapiens]	gi 4506671	12 kDa	2.0	1.0	0.50
inorganic pyrophosphatase 2, mitochondrial isoform 1 precursor [Homo sapiens]	gi 29171702	38 kDa	2.0	1.0	0.50
heat shock 70 kDa protein 4 [Homo sapiens]	gi 38327039	94 kDa	2.0	1.0	0.50
PREDICTED: heparan-sulfate 6-O-sulfotransferase 2 isoform X2 [Homo sapiens]	gi 530422586	71 kDa	2.0	1.0	0.50
trypsin-1 preproprotein [Homo sapiens]	gi 4506145	27 kDa	2.0	1.0	0.50
AFG3-like protein 2 [Homo sapiens]	gi 300192933	89 kDa	2.0	1.0	0.50
methylcrotonoyl-CoA carboxylase beta chain, mitochondrial [Homo sapiens]	gi 11545863	61 kDa	2.0	1.0	0.50
carbohydrate sulfotransferase 13 precursor [Homo sapiens]	gi 23097238	39 kDa	2.0	1.0	0.50
proteasome subunit alpha type-2 [Homo sapiens]	gi 4506181	26 kDa	2.0	1.0	0.50
PREDICTED: 14-3-3 protein epsilon isoform X1 [Homo sapiens]	gi 530410617	27 kDa	2.0	1.0	0.50
early endosome antigen 1 [Homo sapiens]	gi 55770888	162 kDa	2.0	1.0	0.50
fatty aldehyde dehydrogenase isoform 2 [Homo sapiens]	gi 4557303	55 kDa	2.0	1.0	0.50
lamin-B receptor [Homo sapiens]	gi 37595750	71 kDa	2.0	1.0	0.50
choline dehydrogenase, mitochondrial [Homo sapiens]	gi 217272839	65 kDa	2.0	1.0	0.50
NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial isoform 2 precursor [Homo sapiens]	gi 260898743	52 kDa	2.0	1.0	0.50
solute carrier family 12 member 2 isoform 2 [Homo sapiens]	gi 374253823	130 kDa	2.0	1.0	0.50
ATP-dependent RNA helicase DDX3X isoform 2 [Homo sapiens]	gi 301171467	73 kDa	2.0	1.0	0.50
lysophospholipid acyltransferase 7 isoform 2 [Homo sapiens]	gi 225703033	45 kDa	2.0	1.0	0.50
prostaglandin E synthase 3 isoform a [Homo sapiens]	gi 23308579	19 kDa	2.0	1.0	0.50
PREDICTED: serum paraoxonase/arylesterase 2 isoform X1 [Homo sapiens]	gi 530386128	32 kDa	2.0	1.0	0.50
60S ribosomal protein L38 [Homo sapiens]	gi 4506645	8 kDa	2.0	1.0	0.50
transmembrane emp24 domain-containing protein 10 precursor [Homo sapiens]	gi 98986464	25 kDa	2.0	1.0	0.50
UTP--glucose-1-phosphate uridylyltransferase isoform a [Homo sapiens]	gi 48255966	57 kDa	2.0	1.0	0.50
titin isoform N2-A [Homo sapiens]	gi 291045225	3713 kDa	2.0	1.0	0.50
calreticulin precursor [Homo sapiens]	gi 4757900	48 kDa	2.0	1.0	0.50
PREDICTED: ER membrane protein complex subunit 3 isoform X1 [Homo sapiens]	gi 530372853	30 kDa	2.0	1.0	0.50
probable histidine--tRNA ligase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 15029520	57 kDa	2.0	1.0	0.50
cytochrome P450 2S1 precursor [Homo sapiens]	gi 13449277	56 kDa	2.0	1.0	0.50
eukaryotic translation initiation factor 3 subunit J isoform 3 [Homo sapiens]	gi 547235562	23 kDa	2.0	1.0	0.50
aldo-keto reductase family 1 member C3 isoform 1 [Homo sapiens]	gi 24497583	37 kDa	2.0	1.0	0.50
alpha-mannosidase 2 [Homo sapiens]	gi 51477714	131 kDa	2.0	1.0	0.50
probable ATP-dependent RNA helicase DDX17 isoform 3 [Homo sapiens]	gi 148613856	80 kDa	2.0	1.0	0.50
adenosine 3'-phospho 5'-phosphosulfate transporter 1 isoform a precursor [Homo sapiens]	gi 30026034	48 kDa	2.0	1.0	0.50
long-chain-fatty-acid--CoA ligase 3 [Homo sapiens]	gi 42794752	80 kDa	2.0	1.0	0.50
coronin-1C isoform a [Homo sapiens]	gi 157412328	59 kDa	2.0	1.0	0.50
complement C3 precursor [Homo sapiens]	gi 115298678	187 kDa	2.0	1.0	0.50
26S proteasome non-ATPase regulatory subunit 7 [Homo sapiens]	gi 25777615	37 kDa	2.0	1.0	0.50
TAR DNA-binding protein 43 [Homo sapiens]	gi 6678271	45 kDa	2.0	1.0	0.50
glycine--tRNA ligase precursor [Homo sapiens]	gi 116805340	83 kDa	2.0	1.0	0.50
eukaryotic translation initiation factor 3 subunit L isoform 2 [Homo sapiens]	gi 339275831	61 kDa	2.0	1.0	0.50
monoacylglycerol lipase ABHD12 isoform a [Homo sapiens]	gi 109689718	45 kDa	2.0	1.0	0.50
vesicle-associated membrane protein-associated protein A isoform 1 [Homo sapiens]	gi 94721250	33 kDa	2.0	1.0	0.50
translocon-associated protein subunit delta isoform 1 precursor [Homo sapiens]	gi 325301072	20 kDa	2.0	1.0	0.50
RNA-binding protein 14 isoform 1 [Homo sapiens]	gi 5454064	69 kDa	2.0	1.0	0.50
coatamer subunit beta' [Homo sapiens]	gi 4758032	102 kDa	2.0	1.0	0.50
suppressor of cytokine signaling 6 [Homo sapiens]	gi 21450785	60 kDa	2.0	1.0	0.50
clathrin heavy chain 1 isoform 1 [Homo sapiens]	gi 4758012	192 kDa	2.0	1.0	0.50
peroxisomal bifunctional enzyme isoform 1 [Homo sapiens]	gi 68989263	79 kDa	2.0	1.0	0.50
GH3 domain-containing protein isoform 1 precursor [Homo sapiens]	gi 14210490	58 kDa	2.0	1.0	0.50
plectin isoform 1a [Homo sapiens]	gi 41322923	516 kDa	2.0	1.0	0.50
GPI transamidase component PIG-T isoform 1 precursor [Homo sapiens]	gi 23397653	66 kDa	2.0	1.0	0.50
prolyl 4-hydroxylase subunit alpha-1 isoform 2 precursor [Homo sapiens]	gi 217272849	61 kDa	2.0	1.0	0.50
quinone oxidoreductase isoform a [Homo sapiens]	gi 13236495	35 kDa	2.0	1.0	0.50
transforming protein RhoA precursor [Homo sapiens]	gi 10835049	22 kDa	2.0	1.0	0.50
dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 [Homo sapiens]	gi 4503253	12 kDa	2.0	1.0	0.50
pre-mRNA-processing factor 6 [Homo sapiens]	gi 40807485	107 kDa	2.0	1.0	0.50
stearoyl-CoA desaturase 5 isoform b [Homo sapiens]	gi 148596938	29 kDa	2.0	1.0	0.50
cytoskeleton-associated protein 4 [Homo sapiens]	gi 19920317	66 kDa	2.0	1.0	0.50
torsin-1A-interacting protein 2 isoform b [Homo sapiens]	gi 21450775	51 kDa	2.0	1.0	0.50
peptidyl-prolyl cis-trans isomerase FKBP5 isoform 1 [Homo sapiens]	gi 224809327	51 kDa	2.0	1.0	0.50
zinc finger CCH-type antiviral protein 1 isoform 1 [Homo sapiens]	gi 27477136	101 kDa	2.0	1.0	0.50
PREDICTED: valine--tRNA ligase isoform X1 [Homo sapiens]	gi 530382523	141 kDa	2.0	1.0	0.50
heterogeneous nuclear ribonucleoprotein A3 [Homo sapiens]	gi 34740329	40 kDa	2.0	1.0	0.50
RNA-binding protein FUS isoform 3 [Homo sapiens]	gi 283135173	53 kDa	2.0	1.0	0.50
40S ribosomal protein S8 [Homo sapiens]	gi 4506743	24 kDa	2.0	1.0	0.50
ATP synthase subunit g, mitochondrial [Homo sapiens]	gi 51479156	11 kDa	2.0	1.0	0.50
MICOS complex subunit MIC19 [Homo sapiens]	gi 8923390	26 kDa	2.0	1.0	0.50
hsc70-interacting protein isoform 1 [Homo sapiens]	gi 19923193	41 kDa	2.0	1.0	0.50
serine palmitoyltransferase 1 isoform c [Homo sapiens]	gi 526252798	57 kDa	2.0	1.0	0.50

40S ribosomal protein S10 [Homo sapiens]	gi 322303127	19 kDa	2.0	1.0	0.50
transferrin receptor protein 1 [Homo sapiens]	gi 189458817	85 kDa	2.0	1.0	0.50
ubiquitin carboxyl-terminal hydrolase 7 isoform 1 [Homo sapiens]	gi 150378533	128 kDa	2.0	1.0	0.50
myristoylated alanine-rich C-kinase substrate [Homo sapiens]	gi 153070260	32 kDa	2.0	1.0	0.50
SUN domain-containing protein 1 isoform b [Homo sapiens]	gi 110227866	78 kDa	2.0	1.0	0.50
gasdermin-A [Homo sapiens]	gi 150456463	49 kDa	2.0	1.0	0.50
tubulin alpha-4A chain isoform 2 [Homo sapiens]	gi 514052659	48 kDa	2.0	1.0	0.50
60S ribosomal protein L24 [Homo sapiens]	gi 4506619	18 kDa	2.0	1.0	0.50
ATPase WRNIP1 isoform 1 [Homo sapiens]	gi 18426902	72 kDa	2.0	1.0	0.50
Na(+)/H(+) exchange regulatory cofactor NHE-RF3 isoform 1 [Homo sapiens]	gi 21361142	57 kDa	2.0	1.0	0.50
neutral amino acid transporter B(0) isoform 1 [Homo sapiens]	gi 5032093	57 kDa	2.0	1.0	0.50
ATP-dependent RNA helicase DDX39A [Homo sapiens]	gi 21040371	49 kDa	2.0	1.0	0.50
nuclear protein localization protein 4 homolog [Homo sapiens]	gi 157426879	68 kDa	2.0	1.0	0.50
retinoic acid-induced protein 3 [Homo sapiens]	gi 4506403	40 kDa	2.0	1.0	0.50
PREDICTED: UDP-glucose:glycoprotein glucosyltransferase 1 isoform X1 [Homo sapiens]	gi 578804601	177 kDa	2.0	1.0	0.50
60S ribosomal protein L13a isoform 2 [Homo sapiens]	gi 395132450	17 kDa	2.0	1.0	0.50
14-3-3 protein eta [Homo sapiens]	gi 4507951	28 kDa	2.0	1.0	0.50
DNA replication licensing factor MCM3 isoform 1 [Homo sapiens]	gi 394582093	96 kDa	2.0	1.0	0.50
GPI ethanolamine phosphate transferase 3 isoform 1 [Homo sapiens]	gi 23397648	119 kDa	2.0	1.0	0.50
matrin-3 isoform a [Homo sapiens]	gi 21626466	95 kDa	2.0	1.0	0.50
transmembrane protein 45B [Homo sapiens]	gi 20270331	32 kDa	2.0	1.0	0.50
28S ribosomal protein S29, mitochondrial isoform 1 [Homo sapiens]	gi 16905526	46 kDa	2.0	1.0	0.50
staphylococcal nuclease domain-containing protein 1 [Homo sapiens]	gi 77404397	102 kDa	2.0	1.0	0.50
ELAV-like protein 1 [Homo sapiens]	gi 38201714	36 kDa	2.0	1.0	0.50
histone deacetylase 6 [Homo sapiens]	gi 13128864	131 kDa	2.0	1.0	0.50
PREDICTED: protein lin-7 homolog A isoform X1 [Homo sapiens]	gi 530400962	20 kDa	2.0	1.0	0.50
26S proteasome non-ATPase regulatory subunit 2 isoform 1 [Homo sapiens]	gi 25777602	100 kDa	13.0	6.9	0.53
dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 isoform 1 precursor [Homo sapiens]	gi 35493916	69 kDa	5.0	2.8	0.55
60S ribosomal protein L12 [Homo sapiens]	gi 4506597	18 kDa	5.0	2.8	0.55
T-complex protein 1 subunit beta isoform 2 [Homo sapiens]	gi 311771535	53 kDa	5.0	2.8	0.55
T-complex protein 1 subunit eta isoform d [Homo sapiens]	gi 261399877	55 kDa	5.0	2.8	0.55
dnaJ homolog subfamily A member 1 [Homo sapiens]	gi 4504511	45 kDa	10.0	5.5	0.55
elongation factor Tu, mitochondrial precursor [Homo sapiens]	gi 34147630	50 kDa	10.0	5.5	0.55
bifunctional glutamate/proline--tRNA ligase [Homo sapiens]	gi 62241042	171 kDa	7.0	4.1	0.59
calcium-binding mitochondrial carrier protein Aralar2 isoform 1 [Homo sapiens]	gi 237649019	74 kDa	9.0	5.5	0.61
MICOS complex subunit MIC60 isoform 2 [Homo sapiens]	gi 154354962	84 kDa	9.0	5.5	0.61
heat shock 70 kDa protein 1A/1B [Homo sapiens]	gi 167466173	70 kDa	27.0	16.6	0.61
stress-70 protein, mitochondrial precursor [Homo sapiens]	gi 24234688	74 kDa	13.0	8.3	0.64
hemoglobin subunit alpha [Homo sapiens]	gi 4504345	15 kDa	4.0	2.8	0.69
serine hydroxymethyltransferase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 19923315	56 kDa	4.0	2.8	0.69
heterogeneous nuclear ribonucleoprotein K isoform b [Homo sapiens]	gi 14165435	51 kDa	4.0	2.8	0.69
dipeptidyl peptidase 4 [Homo sapiens]	gi 18765694	88 kDa	4.0	2.8	0.69
lamin-B1 isoform 1 [Homo sapiens]	gi 5031877	66 kDa	4.0	2.8	0.69
60S ribosomal protein L7 [Homo sapiens]	gi 15431301	29 kDa	4.0	2.8	0.69
ribonuclease T2 precursor [Homo sapiens]	gi 5231228	29 kDa	4.0	2.8	0.69
isocitrate dehydrogenase [NADP] cytoplasmic [Homo sapiens]	gi 28178825	47 kDa	4.0	2.8	0.69
heterogeneous nuclear ribonucleoprotein U isoform b [Homo sapiens]	gi 14141161	89 kDa	4.0	2.8	0.69
mitochondrial dicarboxylate carrier isoform 2 [Homo sapiens]	gi 20149598	31 kDa	4.0	2.8	0.69
40S ribosomal protein S3a isoform 1 [Homo sapiens]	gi 4506723	30 kDa	4.0	2.8	0.69
coatamer subunit delta isoform 1 [Homo sapiens]	gi 11863154	57 kDa	4.0	2.8	0.69
heat shock protein HSP 90-alpha isoform 1 [Homo sapiens]	gi 153792590	98 kDa	6.0	4.1	0.69
PREDICTED: inosine-5'-monophosphate dehydrogenase 2 isoform X1 [Homo sapiens]	gi 578806039	66 kDa	6.0	4.1	0.69
protein disulfide-isomerase A6 isoform d precursor [Homo sapiens]	gi 5031973	48 kDa	6.0	4.1	0.69
UPF0317 protein C14orf159, mitochondrial isoform b precursor [Homo sapiens]	gi 156139135	67 kDa	6.0	4.1	0.69
40S ribosomal protein S16 [Homo sapiens]	gi 4506691	16 kDa	6.0	4.1	0.69
non-POU domain-containing octamer-binding protein isoform 1 [Homo sapiens]	gi 224028244	54 kDa	6.0	4.1	0.69
leucine-rich PPR motif-containing protein, mitochondrial precursor [Homo sapiens]	gi 31621305	158 kDa	8.0	5.5	0.69
2-oxoglutarate dehydrogenase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 51873036	116 kDa	10.0	6.9	0.69
transitional endoplasmic reticulum ATPase [Homo sapiens]	gi 6005942	89 kDa	19.0	13.8	0.73
peroxisomal multifunctional enzyme type 2 isoform 2 [Homo sapiens]	gi 4504505	80 kDa	7.0	5.5	0.79
mitotic checkpoint protein BUB3 isoform b [Homo sapiens]	gi 56550081	37 kDa	7.0	5.5	0.79
prohibitin-2 isoform 1 [Homo sapiens]	gi 221307584	33 kDa	7.0	5.5	0.79
signal recognition particle receptor subunit beta [Homo sapiens]	gi 284795266	30 kDa	7.0	5.5	0.79
delta-1-pyrroline-5-carboxylate synthase isoform 1 [Homo sapiens]	gi 21361368	87 kDa	22.0	18.0	0.82
persulfide dioxygenase ETHE1, mitochondrial [Homo sapiens]	gi 41327741	28 kDa	5.0	4.1	0.83
cytosol aminopeptidase [Homo sapiens]	gi 41393561	56 kDa	5.0	4.1	0.83
P2X purinoceptor 4 isoform 2 [Homo sapiens]	gi 28416927	43 kDa	5.0	4.1	0.83
PREDICTED: very-long-chain enoyl-CoA reductase isoform X3 [Homo sapiens]	gi 578833748	37 kDa	5.0	4.1	0.83
protein disulfide-isomerase A3 precursor [Homo sapiens]	gi 21361657	57 kDa	5.0	4.1	0.83
filamin-B isoform 2 [Homo sapiens]	gi 105990514	278 kDa	5.0	4.1	0.83
ATP synthase subunit gamma, mitochondrial isoform L (liver) precursor [Homo sapiens]	gi 50345988	33 kDa	5.0	4.1	0.83
prohibitin isoform 1 [Homo sapiens]	gi 4505773	30 kDa	10.0	8.3	0.83

dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 precursor [Homo sapiens]	gi 4506675	69 kDa	13.0	11.1	0.85
agmatinase, mitochondrial precursor [Homo sapiens]	gi 37537722	38 kDa	8.0	6.9	0.86
peptidyl-prolyl cis-trans isomerase FKBP4 [Homo sapiens]	gi 4503729	52 kDa	8.0	6.9	0.86
tubulin beta chain isoform b [Homo sapiens]	gi 29788785	50 kDa	17.0	15.2	0.89
60S ribosomal protein L6 [Homo sapiens]	gi 16753227	33 kDa	3.0	2.8	0.92
serpin H1 precursor [Homo sapiens]	gi 32454741	46 kDa	3.0	2.8	0.92
aldehyde dehydrogenase X, mitochondrial precursor [Homo sapiens]	gi 25777730	57 kDa	3.0	2.8	0.92
peroxisomal trans-2-enoyl-CoA reductase [Homo sapiens]	gi 19923817	33 kDa	3.0	2.8	0.92
60S ribosomal protein L18 isoform 2 [Homo sapiens]	gi 395132436	18 kDa	3.0	2.8	0.92
phosphoglycerate mutase 1 [Homo sapiens]	gi 4505753	29 kDa	3.0	2.8	0.92
proliferating cell nuclear antigen [Homo sapiens]	gi 33239451	29 kDa	3.0	2.8	0.92
lysine--tRNA ligase isoform 1 [Homo sapiens]	gi 194272210	71 kDa	3.0	2.8	0.92
chloride intracellular channel protein 1 [Homo sapiens]	gi 14251209	27 kDa	3.0	2.8	0.92
vesicle-trafficking protein SEC22b precursor [Homo sapiens]	gi 380837121	25 kDa	3.0	2.8	0.92
kanadaplin [Homo sapiens]	gi 155722990	89 kDa	3.0	2.8	0.92
PREDICTED: ruvB-like 2 isoform X1 [Homo sapiens]	gi 530415516	47 kDa	3.0	2.8	0.92
7-dehydrocholesterol reductase [Homo sapiens]	gi 119943112	54 kDa	3.0	2.8	0.92
insulin-like growth factor 2 mRNA-binding protein 1 isoform 1 [Homo sapiens]	gi 56237027	63 kDa	6.0	5.5	0.92
mitochondrial-processing peptidase subunit alpha isoform 1 precursor [Homo sapiens]	gi 24308013	58 kDa	6.0	5.5	0.92
60S ribosomal protein L9 [Homo sapiens]	gi 15431303	22 kDa	6.0	5.5	0.92
dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A isoform a [Homo sapiens]	gi 22749415	81 kDa	6.0	5.5	0.92
annexin A2 isoform 2 [Homo sapiens]	gi 209862831	39 kDa	15.0	13.8	0.92
endoplasmic reticulum protein precursor [Homo sapiens]	gi 4507677	92 kDa	9.0	8.3	0.92
volume-regulated anion channel subunit LRRC8A [Homo sapiens]	gi 187829871	94 kDa	19.0	18.0	0.95
tubulin alpha-1B chain [Homo sapiens]	gi 57013276	50 kDa	13.0	12.4	0.96
PREDICTED: erlin-2 isoform X1 [Homo sapiens]	gi 530387547	50 kDa	13.0	12.4	0.96
pyruvate kinase PKM isoform a [Homo sapiens]	gi 33286418	58 kDa	13.0	12.4	0.96
spectrin beta chain, non-erythrocytic 1 isoform 1 [Homo sapiens]	gi 112382250	275 kDa	23.0	22.1	0.96
ATP synthase subunit alpha, mitochondrial isoform a precursor [Homo sapiens]	gi 4757810	60 kDa	10.0	9.7	0.97
polyubiquitin-B precursor [Homo sapiens]	gi 11024714	26 kDa	7.0	6.9	0.99
estradiol 17-beta-dehydrogenase 8 [Homo sapiens]	gi 15277342	27 kDa	7.0	6.9	0.99
alanine aminotransferase 2 isoform 1 [Homo sapiens]	gi 19263340	58 kDa	7.0	6.9	0.99
60 kDa heat shock protein, mitochondrial [Homo sapiens]	gi 31542947	61 kDa	18.0	18.0	1.00
<b>sodium/hydrogen exchanger 3 precursor [Oryctolagus cuniculus]</b>	<b>gi 130504821</b>	<b>93 kDa</b>	<b>47.0</b>	<b>47.0</b>	<b>1.00</b>
sperm flagellar protein 1 [Homo sapiens]	gi 89363026	27 kDa	1.0	1.0	1.00
deoxyribose-phosphate aldolase isoform 1 [Homo sapiens]	gi 116063554	35 kDa	1.0	1.0	1.00
dermcidin isoform 1 preproprotein [Homo sapiens]	gi 16751921	11 kDa	1.0	1.0	1.00
proteasome subunit beta type-5 isoform 1 [Homo sapiens]	gi 4506201	28 kDa	1.0	1.0	1.00
mitochondrial import receptor subunit TOM22 homolog [Homo sapiens]	gi 9910382	16 kDa	1.0	1.0	1.00
proteasome subunit alpha type-5 isoform 1 [Homo sapiens]	gi 23110942	26 kDa	1.0	1.0	1.00
F-box only protein 22 isoform a [Homo sapiens]	gi 22547149	45 kDa	1.0	1.0	1.00
retinoblastoma-like protein 2 [Homo sapiens]	gi 172072597	128 kDa	1.0	1.0	1.00
ATP-dependent (S)-NAD(P)H-hydrate dehydratase isoform a [Homo sapiens]	gi 119709830	41 kDa	1.0	1.0	1.00
protein S100-A9 [Homo sapiens]	gi 4506773	13 kDa	1.0	1.0	1.00
dystrophin Dp427c isoform [Homo sapiens]	gi 5032281	426 kDa	1.0	1.0	1.00
adenylate kinase 2, mitochondrial isoform c [Homo sapiens]	gi 312836806	25 kDa	1.0	1.0	1.00
PREDICTED: protein CutA isoform X1 [Homo sapiens]	gi 578811722	19 kDa	1.0	1.0	1.00
methylthioribose-1-phosphate isomerase isoform 1 [Homo sapiens]	gi 72534748	39 kDa	1.0	1.0	1.00
pterin-4-alpha-carbinolamine dehydratase isoform 1 [Homo sapiens]	gi 4557831	12 kDa	1.0	1.0	1.00
cathepsin D preproprotein [Homo sapiens]	gi 4503143	45 kDa	1.0	1.0	1.00
40S ribosomal protein S13 [Homo sapiens]	gi 4506685	17 kDa	1.0	1.0	1.00
BR13-binding protein precursor [Homo sapiens]	gi 19923665	28 kDa	1.0	1.0	1.00
PREDICTED: rho guanine nucleotide exchange factor 15 isoform X3 [Homo sapiens]	gi 578829770	85 kDa	1.0	1.0	1.00
arginase-1 isoform 2 [Homo sapiens]	gi 10947139	35 kDa	1.0	1.0	1.00
1,4-alpha-glucan-branching enzyme [Homo sapiens]	gi 189458812	80 kDa	1.0	1.0	1.00
fatty acid-binding protein, epidermal [Homo sapiens]	gi 4557581	15 kDa	1.0	1.0	1.00
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3 isoform a precursor [Homo sapiens]	gi 41327781	20 kDa	1.0	1.0	1.00
proteasome subunit beta type-3 [Homo sapiens]	gi 22538465	23 kDa	1.0	1.0	1.00
60S ribosomal protein L34 [Homo sapiens]	gi 16117787	13 kDa	1.0	1.0	1.00
WD repeat-containing protein 1 isoform 1 [Homo sapiens]	gi 9257257	66 kDa	1.0	1.0	1.00
NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial isoform 1 precursor [Homo sapiens]	gi 20149568	51 kDa	1.0	1.0	1.00
60S ribosomal protein L23a [Homo sapiens]	gi 17105394	18 kDa	1.0	1.0	1.00
small nuclear ribonucleoprotein-associated protein N [Homo sapiens]	gi 13027644	25 kDa	1.0	1.0	1.00
probable Xaa-Pro aminopeptidase 3 isoform 1 [Homo sapiens]	gi 11559925	57 kDa	1.0	1.0	1.00
protein POF1B [Homo sapiens]	gi 193794853	68 kDa	1.0	1.0	1.00
DNA-directed RNA polymerase III subunit RPC4 [Homo sapiens]	gi 55769552	44 kDa	1.0	1.0	1.00
NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial precursor [Homo sapiens]	gi 4758788	30 kDa	1.0	1.0	1.00
succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial precursor [Homo sapiens]	gi 115387094	32 kDa	1.0	1.0	1.00
glutamine-dependent NAD(+) synthetase [Homo sapiens]	gi 41393551	79 kDa	1.0	1.0	1.00
heat shock protein beta-1 [Homo sapiens]	gi 4504517	23 kDa	1.0	1.0	1.00
cystatin-A [Homo sapiens]	gi 4885165	11 kDa	1.0	1.0	1.00
mitochondrial import inner membrane translocase subunit TIM50 [Homo sapiens]	gi 48526509	50 kDa	1.0	1.0	1.00

guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 [Homo sapiens]	gi 20357529	37 kDa	1.0	1.0	1.00
protein-glutamine gamma-glutamyltransferase E [Homo sapiens]	gi 189458821	77 kDa	1.0	1.0	1.00
60S ribosomal protein L19 [Homo sapiens]	gi 4506609	23 kDa	1.0	1.0	1.00
small nuclear ribonucleoprotein Sm D2 isoform 1 [Homo sapiens]	gi 4759158	14 kDa	1.0	1.0	1.00
calmodulin-like protein 3 [Homo sapiens]	gi 4885111	17 kDa	1.0	1.0	1.00
pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial isoform 2	gi 291084742	48 kDa	1.0	1.0	1.00
cytochrome b-c1 complex subunit Rieske, mitochondrial [Homo sapiens]	gi 163644321	30 kDa	1.0	1.0	1.00
serine/arginine-rich splicing factor 6 [Homo sapiens]	gi 20127499	40 kDa	1.0	1.0	1.00
PREDICTED: liver carboxylesterase 1 isoform X1 [Homo sapiens]	gi 530423536	62 kDa	19.0	19.3	1.02
78 kDa glucose-regulated protein precursor [Homo sapiens]	gi 16507237	72 kDa	23.0	23.5	1.02
tubulin beta-4B chain [Homo sapiens]	gi 5174735	50 kDa	4.0	4.1	1.04
glutathione S-transferase A2 [Homo sapiens]	gi 215276987	26 kDa	4.0	4.1	1.04
40S ribosomal protein S14 [Homo sapiens]	gi 5032051 (+2)	16 kDa	4.0	4.1	1.04
40S ribosomal protein S5 [Homo sapiens]	gi 13904870	23 kDa	4.0	4.1	1.04
actin-like protein 8 [Homo sapiens]	gi 227498241	41 kDa	4.0	4.1	1.04
transmembrane protein 33 [Homo sapiens]	gi 224589127	28 kDa	4.0	4.1	1.04
splicing factor, proline- and glutamine-rich [Homo sapiens]	gi 4826998	76 kDa	4.0	4.1	1.04
enoyl-CoA hydratase, mitochondrial [Homo sapiens]	gi 194097323	31 kDa	4.0	4.1	1.04
acyl-coenzyme A thioesterase 1 [Homo sapiens]	gi 81230485	46 kDa	4.0	4.1	1.04
heat shock protein 75 kDa, mitochondrial isoform 1 precursor [Homo sapiens]	gi 155722983	80 kDa	4.0	4.1	1.04
40S ribosomal protein S2 [Homo sapiens]	gi 15055539	31 kDa	4.0	4.1	1.04
T-complex protein 1 subunit theta isoform 1 [Homo sapiens]	gi 48762932	60 kDa	4.0	4.1	1.04
fibronectin type-III domain-containing protein 3A isoform 1 [Homo sapiens]	gi 118918395	132 kDa	4.0	4.1	1.04
glycine dehydrogenase (decarboxylating), mitochondrial precursor [Homo sapiens]	gi 108773801	113 kDa	4.0	4.1	1.04
transducin beta-like protein 2 precursor [Homo sapiens]	gi 7549793	50 kDa	4.0	4.1	1.04
D-3-phosphoglycerate dehydrogenase [Homo sapiens]	gi 23308577	57 kDa	4.0	4.1	1.04
BAG family molecular chaperone regulator 2 [Homo sapiens]	gi 4757834	24 kDa	8.0	8.3	1.04
PREDICTED: multifunctional protein ADE2 isoform X1 [Homo sapiens]	gi 578808622	94 kDa	8.0	8.3	1.04
PREDICTED: carbonyl reductase family member 4 isoform X3 [Homo sapiens]	gi 578809567	27 kDa	5.0	5.5	1.11
phosphate carrier protein, mitochondrial isoform b precursor [Homo sapiens]	gi 4505775	40 kDa	5.0	5.5	1.11
nucleophosmin isoform 1 [Homo sapiens]	gi 10835063	33 kDa	5.0	5.5	1.11
dnaJ homolog subfamily B member 12 [Homo sapiens]	gi 194306640	45 kDa	5.0	5.5	1.11
importin subunit beta-1 isoform 1 [Homo sapiens]	gi 19923142	97 kDa	5.0	5.5	1.11
Na(+)/H(+) exchange regulatory cofactor NHE-RF2 isoform a [Homo sapiens]	gi 194018553	37 kDa	16.0	18.0	1.12
heat shock protein 105 kDa isoform 1 [Homo sapiens]	gi 42544159	97 kDa	11.0	12.4	1.13
cytochrome b-c1 complex subunit 2, mitochondrial precursor [Homo sapiens]	gi 50592988	48 kDa	6.0	6.9	1.15
stomatin-like protein 2, mitochondrial isoform c [Homo sapiens]	gi 559098408	33 kDa	6.0	6.9	1.15
sodium/potassium-transporting ATPase subunit alpha-1 isoform a [Homo sapiens]	gi 21361181	113 kDa	6.0	6.9	1.15
beta-hexosaminidase subunit beta isoform 1 preproprotein [Homo sapiens]	gi 4504373	63 kDa	12.0	13.8	1.15
eukaryotic initiation factor 4A-I isoform 1 [Homo sapiens]	gi 4503529	46 kDa	12.0	13.8	1.15
PREDICTED: CAD protein isoform X4 [Homo sapiens]	gi 530368098	236 kDa	35.0	41.5	1.18
trifunctional enzyme subunit alpha, mitochondrial precursor [Homo sapiens]	gi 20127408	83 kDa	23.0	27.6	1.20
peptidyl-prolyl cis-trans isomerase A isoform 1 [Homo sapiens]	gi 10863927	18 kDa	8.0	9.7	1.21
guanine nucleotide-binding protein subunit beta-2-like 1 [Homo sapiens]	gi 5174447	35 kDa	8.0	9.7	1.21
argininosuccinate lyase isoform 1 [Homo sapiens]	gi 31541964	52 kDa	9.0	11.1	1.23
protein arginine N-methyltransferase 5 isoform a [Homo sapiens]	gi 20070220	73 kDa	9.0	11.1	1.23
acyl-CoA synthetase family member 2, mitochondrial isoform 2 precursor [Homo sapiens]	gi 156151445	68 kDa	18.0	22.1	1.23
heat shock cognate 71 kDa protein isoform 1 [Homo sapiens]	gi 5729877	71 kDa	33.0	41.5	1.26
aspartate aminotransferase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 73486658	48 kDa	12.0	15.2	1.27
40S ribosomal protein S3 isoform 1 [Homo sapiens]	gi 15718687	27 kDa	13.0	16.6	1.28
long-chain-fatty-acid--CoA ligase 5 isoform a [Homo sapiens]	gi 42794756	82 kDa	14.0	18.0	1.28
ornithine aminotransferase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 4557809	49 kDa	15.0	19.3	1.29
villin-1 [Homo sapiens]	gi 194394237	93 kDa	23.0	30.4	1.32
glutamate dehydrogenase 1, mitochondrial precursor [Homo sapiens]	gi 4885281	61 kDa	25.0	33.2	1.33
histone H2A type 1-B/E [Homo sapiens]	gi 10645195	14 kDa	2.0	2.8	1.38
filaggrin-2 [Homo sapiens]	gi 62122917	248 kDa	2.0	2.8	1.38
60S ribosomal protein L11 isoform 1 [Homo sapiens]	gi 15431290	20 kDa	2.0	2.8	1.38
nucleoside diphosphate kinase, mitochondrial isoform a precursor [Homo sapiens]	gi 4826862	21 kDa	2.0	2.8	1.38
suprabasin isoform 1 precursor [Homo sapiens]	gi 260436922	61 kDa	2.0	2.8	1.38
NAD kinase 2, mitochondrial isoform 1 [Homo sapiens]	gi 146134341	49 kDa	2.0	2.8	1.38
14-3-3 protein zeta/delta [Homo sapiens]	gi 208973238	28 kDa	2.0	2.8	1.38
glutathione S-transferase P [Homo sapiens]	gi 4504183	23 kDa	2.0	2.8	1.38
minor histocompatibility antigen H13 isoform 1 [Homo sapiens]	gi 23308607	41 kDa	2.0	2.8	1.38
3 beta-hydroxysteroid dehydrogenase/Delta 5--4-isomerase type 1 [Homo sapiens]	gi 4504507	42 kDa	2.0	2.8	1.38
sodium/potassium-transporting ATPase subunit beta-3 [Homo sapiens]	gi 4502281	32 kDa	2.0	2.8	1.38
protein transport protein Sec61 subunit beta [Homo sapiens]	gi 5803165	10 kDa	2.0	2.8	1.38
peptide deformylase, mitochondrial precursor [Homo sapiens]	gi 11641243	27 kDa	2.0	2.8	1.38
surfeit locus protein 4 isoform 1 [Homo sapiens]	gi 19557691	30 kDa	2.0	2.8	1.38
magnesium transporter protein 1 [Homo sapiens]	gi 215983058	42 kDa	2.0	2.8	1.38
40S ribosomal protein S9 [Homo sapiens]	gi 14141193	23 kDa	2.0	2.8	1.38
60S ribosomal protein L30 [Homo sapiens]	gi 4506631	13 kDa	2.0	2.8	1.38
60S ribosomal protein L18a [Homo sapiens]	gi 11415026	21 kDa	2.0	2.8	1.38

poly(rC)-binding protein 1 [Homo sapiens]	gi 222352151	37 kDa	2.0	2.8	1.38
putative adenosylhomocysteinase 2 isoform a [Homo sapiens]	gi 21361647	59 kDa	2.0	2.8	1.38
cell division control protein 42 homolog isoform 1 precursor [Homo sapiens]	gi 4757952	21 kDa	2.0	2.8	1.38
E3 ubiquitin-protein ligase RNF5 [Homo sapiens]	gi 5902054	20 kDa	2.0	2.8	1.38
argininosuccinate synthase [Homo sapiens]	gi 16950633	47 kDa	2.0	2.8	1.38
ATP synthase subunit O, mitochondrial precursor [Homo sapiens]	gi 4502303	23 kDa	2.0	2.8	1.38
peptidyl-prolyl cis-trans isomerase B precursor [Homo sapiens]	gi 4758950	24 kDa	2.0	2.8	1.38
GDP-mannose 4,6 dehydratase isoform 2 [Homo sapiens]	gi 359718934	39 kDa	2.0	2.8	1.38
40S ribosomal protein S15a [Homo sapiens]	gi 14165469	15 kDa	3.0	4.1	1.38
40S ribosomal protein S27 [Homo sapiens]	gi 4506711	9 kDa	3.0	4.1	1.38
aromatic-L-amino-acid decarboxylase isoform 1 [Homo sapiens]	gi 132814448	54 kDa	3.0	4.1	1.38
isocitrate dehydrogenase [NADP], mitochondrial isoform 1 precursor [Homo sapiens]	gi 28178832	51 kDa	3.0	4.1	1.38
erythrocyte band 7 integral membrane protein isoform a [Homo sapiens]	gi 38016911	32 kDa	3.0	4.1	1.38
PREDICTED: anterior gradient protein 2 homolog isoform X1 [Homo sapiens]	gi 530384410	20 kDa	3.0	4.1	1.38
L-lactate dehydrogenase B chain [Homo sapiens]	gi 291575128	37 kDa	3.0	4.1	1.38
60S ribosomal protein L10 isoform a [Homo sapiens]	gi 223890243	25 kDa	3.0	4.1	1.38
aldose reductase [Homo sapiens]	gi 4502049	36 kDa	3.0	4.1	1.38
60S ribosomal protein L3 isoform a [Homo sapiens]	gi 4506649	46 kDa	3.0	4.1	1.38
histone H4 [Homo sapiens]	gi 11415030	11 kDa	4.0	5.5	1.38
hornerin [Homo sapiens]	gi 57864582	282 kDa	4.0	5.5	1.38
aldehyde dehydrogenase family 16 member A1 isoform 1 [Homo sapiens]	gi 223972651	85 kDa	4.0	5.5	1.38
tricarboxylate transport protein, mitochondrial isoform a precursor [Homo sapiens]	gi 21389315	34 kDa	4.0	5.5	1.38
GTP-binding nuclear protein Ran isoform 1 [Homo sapiens]	gi 5453555	24 kDa	4.0	5.5	1.38
40S ribosomal protein S11 [Homo sapiens]	gi 4506681	18 kDa	4.0	5.5	1.38
T-complex protein 1 subunit zeta isoform a [Homo sapiens]	gi 4502643	58 kDa	4.0	5.5	1.38
isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor [Homo sapiens]	gi 5031777	40 kDa	4.0	5.5	1.38
serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform [Homo sapiens]	gi 21361399	65 kDa	4.0	5.5	1.38
protein NipSnap homolog 2 isoform 1 [Homo sapiens]	gi 4503937	34 kDa	5.0	6.9	1.38
delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial precursor [Homo sapiens]	gi 70995211	36 kDa	5.0	6.9	1.38
40S ribosomal protein SA [Homo sapiens]	gi 59859885	33 kDa	5.0	6.9	1.38
60S acidic ribosomal protein P0 [Homo sapiens]	gi 16933546	34 kDa	5.0	6.9	1.38
PREDICTED: probable serine carboxypeptidase CPVL isoform X1 [Homo sapiens]	gi 530384848	54 kDa	6.0	8.3	1.38
glutaminase kidney isoform, mitochondrial isoform 2 [Homo sapiens]	gi 373251164	65 kDa	6.0	8.3	1.38
peroxiredoxin-1 [Homo sapiens]	gi 320461711	22 kDa	6.0	8.3	1.38
eukaryotic peptide chain release factor subunit 1 isoform 1 [Homo sapiens]	gi 4759034	49 kDa	6.0	8.3	1.38
adenosylhomocysteinase isoform 1 [Homo sapiens]	gi 9951915	48 kDa	7.0	9.7	1.38
elongation factor 1-alpha 1 [Homo sapiens]	gi 4503471	50 kDa	8.0	11.1	1.38
leucine-rich repeat-containing protein 59 [Homo sapiens]	gi 40254924	35 kDa	10.0	13.8	1.38
destrin isoform a [Homo sapiens]	gi 5802966	19 kDa	10.0	13.8	1.38
alpha-2-macroglobulin receptor-associated protein precursor [Homo sapiens]	gi 4505021	41 kDa	10.0	13.8	1.38
filamin-A isoform 1 [Homo sapiens]	gi 116063573	280 kDa	12.0	16.6	1.38
volume-regulated anion channel subunit LRRC8D [Homo sapiens]	gi 197333706	98 kDa	15.0	20.7	1.38
heat shock protein HSP 90-beta isoform a [Homo sapiens]	gi 20149594	83 kDa	15.0	22.1	1.47
actin, cytoplasmic 2 [Homo sapiens]	gi 316659409	42 kDa	12.0	18.0	1.50
mitochondrial-processing peptidase subunit beta precursor [Homo sapiens]	gi 94538354	54 kDa	11.0	16.6	1.51
E3 ubiquitin-protein ligase TRIM21 [Homo sapiens]	gi 15208660	54 kDa	10.0	15.2	1.52
volume-regulated anion channel subunit LRRC8E isoform 1 [Homo sapiens]	gi 392996931	90 kDa	10.0	15.2	1.52
ADP/ATP translocase 2 [Homo sapiens]	gi 156071459	33 kDa	9.0	13.8	1.54
aldehyde dehydrogenase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 25777732	56 kDa	9.0	13.8	1.54
cleft lip and palate transmembrane protein 1 isoform 2 [Homo sapiens]	gi 4502897	76 kDa	8.0	12.4	1.55
elongation factor 1-gamma [Homo sapiens]	gi 4503481	50 kDa	8.0	12.4	1.55
serum albumin preproprotein [Homo sapiens]	gi 4502027	69 kDa	7.0	11.1	1.58
cytochrome b-c1 complex subunit 1, mitochondrial precursor [Homo sapiens]	gi 46593007	53 kDa	7.0	11.1	1.58
glyceraldehyde-3-phosphate dehydrogenase isoform 1 [Homo sapiens]	gi 576583519	36 kDa	6.0	9.7	1.61
emerin [Homo sapiens]	gi 4557553	29 kDa	6.0	9.7	1.61
isovaleryl-CoA dehydrogenase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 226958412	47 kDa	6.0	9.7	1.61
erlin-1 [Homo sapiens]	gi 154800487	39 kDa	6.0	9.7	1.61
PREDICTED: acyl-coenzyme A thioesterase 9, mitochondrial isoform X1 [Homo sapiens]	gi 530421012	51 kDa	12.0	19.3	1.61
long-chain fatty acid transport protein 3 [Homo sapiens]	gi 13236579	79 kDa	5.0	8.3	1.66
thrombospondin-1 precursor [Homo sapiens]	gi 40317626	129 kDa	10.0	16.6	1.66
alpha-enolase isoform 1 [Homo sapiens]	gi 4503571	47 kDa	9.0	15.2	1.69
ferritin heavy chain [Homo sapiens]	gi 56682959	21 kDa	4.0	6.9	1.73
ADP-ribosylation factor 1 [Homo sapiens]	gi 4502201	21 kDa	4.0	6.9	1.73
pyruvate carboxylase, mitochondrial precursor [Homo sapiens]	gi 106049292	130 kDa	4.0	6.9	1.73
eukaryotic translation initiation factor 5A-1 isoform B [Homo sapiens]	gi 219555710	17 kDa	4.0	6.9	1.73
T-complex protein 1 subunit delta isoform a [Homo sapiens]	gi 38455427	58 kDa	4.0	6.9	1.73
ras-related protein Rab-10 [Homo sapiens]	gi 256222019	23 kDa	4.0	6.9	1.73
T-complex protein 1 subunit epsilon [Homo sapiens]	gi 24307939	60 kDa	4.0	6.9	1.73
alpha-2-HS-glycoprotein preproprotein [Homo sapiens]	gi 156523970	39 kDa	3.0	5.5	1.84
protein NipSnap homolog 1 isoform 1 [Homo sapiens]	gi 193211616	33 kDa	3.0	5.5	1.84
N-acetylglucosamine-6-sulfatase precursor [Homo sapiens]	gi 4504061	62 kDa	3.0	5.5	1.84
40S ribosomal protein S25 [Homo sapiens]	gi 4506707	14 kDa	3.0	5.5	1.84



junctional adhesion molecule A precursor [Homo sapiens]	gi 8393638	33 kDa	3.0	5.5	1.84
PREDICTED: alpha-2-macroglobulin isoform X1 [Homo sapiens]	gi 578822814	167 kDa	3.0	5.5	1.84
non-specific lipid-transfer protein isoform 1 proprotein [Homo sapiens]	gi 19923233	59 kDa	3.0	5.5	1.84
trifunctional enzyme subunit beta, mitochondrial isoform 1 precursor [Homo sapiens]	gi 4504327	51 kDa	9.0	16.6	1.84
methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial isoform 1 precursor [Homo sapiens]	gi 11095441	58 kDa	7.0	13.8	1.97
elongation factor 2 [Homo sapiens]	gi 4503483	95 kDa	7.0	13.8	1.97
neurolysin, mitochondrial [Homo sapiens]	gi 14149738	81 kDa	2.0	4.1	2.07
thioredoxin-dependent peroxide reductase, mitochondrial isoform a precursor [Homo sapiens]	gi 5802974	28 kDa	2.0	4.1	2.07
galectin-3 isoform 1 [Homo sapiens]	gi 115430223	26 kDa	2.0	4.1	2.07
elongation factor 1-delta isoform 2 [Homo sapiens]	gi 194239727	31 kDa	2.0	4.1	2.07
very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 [Homo sapiens]	gi 117168248	43 kDa	2.0	4.1	2.07
alpha-fetoprotein precursor [Homo sapiens]	gi 4501989	69 kDa	2.0	4.1	2.07
ras-related C3 botulinum toxin substrate 1 isoform Rac1b [Homo sapiens]	gi 9845509	23 kDa	2.0	4.1	2.07
ATPase family AAA domain-containing protein 3A isoform 3 [Homo sapiens]	gi 283436224	58 kDa	2.0	4.1	2.07
14-3-3 protein theta [Homo sapiens]	gi 5803227	28 kDa	4.0	8.3	2.07
catalase [Homo sapiens]	gi 4557014	60 kDa	4.0	8.3	2.07
40S ribosomal protein S4, X isoform X isoform [Homo sapiens]	gi 4506725	30 kDa	4.0	8.3	2.07
protein THEM6 precursor [Homo sapiens]	gi 7706200	24 kDa	7.0	15.2	2.17
lamin isoform A-delta50 [Homo sapiens]	gi 544063468	69 kDa	5.0	11.1	2.21
desmocollin-1 isoform Dsc1b preproprotein [Homo sapiens]	gi 4826702	94 kDa	3.0	6.9	2.30
junction plakoglobin [Homo sapiens]	gi 12056468	82 kDa	7.0	16.6	2.37
succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial isoform 1 [Homo sapiens]	gi 156416003	73 kDa	6.0	15.2	2.53
ferritin light chain [Homo sapiens]	gi 20149498	20 kDa	1.0	2.8	2.76
calmodulin-like protein 5 [Homo sapiens]	gi 223278387	16 kDa	1.0	2.8	2.76
protein S100-A8 [Homo sapiens]	gi 21614544	11 kDa	1.0	2.8	2.76
galectin-7 [Homo sapiens]	gi 109948279	15 kDa	1.0	2.8	2.76
caspase-14 precursor [Homo sapiens]	gi 6912286	28 kDa	1.0	2.8	2.76
corneodesmosin precursor [Homo sapiens]	gi 67782356	52 kDa	1.0	2.8	2.76
60S ribosomal protein L27 [Homo sapiens]	gi 4506623	16 kDa	1.0	2.8	2.76
PREDICTED: mitochondrial carrier homolog 2 isoform X1 [Homo sapiens]	gi 530395180	32 kDa	1.0	2.8	2.76
peroxiredoxin-2 [Homo sapiens]	gi 32189392	22 kDa	1.0	2.8	2.76
peptidyl-prolyl cis-trans isomerase FKBP2 precursor [Homo sapiens]	gi 17149842	16 kDa	1.0	2.8	2.76
nuclease-sensitive element-binding protein 1 [Homo sapiens]	gi 34098946	36 kDa	1.0	2.8	2.76
serpin B12 [Homo sapiens]	gi 17998551	46 kDa	1.0	2.8	2.76
translocan-associated protein subunit alpha isoform 1 precursor [Homo sapiens]	gi 169404009	32 kDa	1.0	2.8	2.76
nucleoside diphosphate kinase A isoform a [Homo sapiens]	gi 38045913	20 kDa	1.0	2.8	2.76
acyl carrier protein, mitochondrial precursor [Homo sapiens]	gi 4826852	17 kDa	1.0	2.8	2.76
60S ribosomal protein L29 [Homo sapiens]	gi 4506629	18 kDa	1.0	2.8	2.76
10 kDa heat shock protein, mitochondrial [Homo sapiens]	gi 4504523	11 kDa	1.0	2.8	2.76
60S ribosomal protein L8 [Homo sapiens]	gi 15431306	28 kDa	1.0	2.8	2.76
acetyl-CoA acetyltransferase, mitochondrial precursor [Homo sapiens]	gi 4557237	45 kDa	1.0	2.8	2.76
S-phase kinase-associated protein 1 isoform b [Homo sapiens]	gi 25777713	19 kDa	1.0	2.8	2.76
60S ribosomal protein L7a [Homo sapiens]	gi 4506661	30 kDa	1.0	2.8	2.76
60S ribosomal protein L28 isoform 2 [Homo sapiens]	gi 13904866	16 kDa	1.0	2.8	2.76
plakophilin-1 isoform 1a [Homo sapiens]	gi 53729344	80 kDa	1.0	2.8	2.76
pyrroline-5-carboxylate reductase 3 [Homo sapiens]	gi 198041662	30 kDa	1.0	2.8	2.76
mitochondrial import inner membrane translocase subunit TIM44 [Homo sapiens]	gi 33636719	51 kDa	1.0	2.8	2.76
thioredoxin isoform 2 [Homo sapiens]	gi 349732256	9 kDa	1.0	2.8	2.76
40S ribosomal protein S19 [Homo sapiens]	gi 4506695	16 kDa	1.0	2.8	2.76
ribonuclease inhibitor [Homo sapiens]	gi 21361547	50 kDa	1.0	2.8	2.76
serine-tRNA ligase, mitochondrial isoform b precursor [Homo sapiens]	gi 8923421	58 kDa	1.0	2.8	2.76
inter-alpha-trypsin inhibitor heavy chain H2 precursor [Homo sapiens]	gi 70778918	106 kDa	1.0	2.8	2.76
dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex [Homo sapiens]	gi 19923748	49 kDa	1.0	2.8	2.76
short/branched chain specific acyl-CoA dehydrogenase, mitochondrial precursor [Homo sapiens]	gi 4501859	47 kDa	1.0	2.8	2.76
cytochrome c oxidase subunit NDUF4A [Homo sapiens]	gi 4505357	9 kDa	1.0	2.8	2.76
abnormal spindle-like microcephaly-associated protein isoform 1 [Homo sapiens]	gi 126116596	410 kDa	1.0	2.8	2.76
zyxin [Homo sapiens]	gi 4508047	61 kDa	1.0	2.8	2.76
small proline-rich protein 2A [Homo sapiens]	gi 5174693	8 kDa	1.0	2.8	2.76
paraplegin isoform 1 precursor [Homo sapiens]	gi 4507173	88 kDa	1.0	2.8	2.76
talin-1 [Homo sapiens]	gi 223029410	270 kDa	1.0	2.8	2.76
PREDICTED: microtubule-actin cross-linking factor 1 isoform X14 [Homo sapiens]	gi 578798808	861 kDa	1.0	2.8	2.76
succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial precursor [Homo sapiens]	gi 109452591	36 kDa	1.0	2.8	2.76
citrate synthase, mitochondrial precursor [Homo sapiens]	gi 38327625	52 kDa	1.0	2.8	2.76
all-trans-retinol 13,14-reductase precursor [Homo sapiens]	gi 203098013	67 kDa	1.0	2.8	2.76
60S ribosomal protein L23 [Homo sapiens]	gi 4506605	15 kDa	2.0	5.5	2.76
desmoglein-1 preproprotein [Homo sapiens]	gi 119703744	114 kDa	4.0	11.1	2.76
40S ribosomal protein S18 [Homo sapiens]	gi 11968182	18 kDa	5.0	13.8	2.76
chitinase domain-containing protein 1 isoform a precursor [Homo sapiens]	gi 218083142	45 kDa	5.0	13.8	2.76
desmoplakin isoform I [Homo sapiens]	gi 58530840	332 kDa	22.0	66.3	3.02
thioredoxin domain-containing protein 12 precursor [Homo sapiens]	gi 7705696	19 kDa	1.0	4.1	4.15
keratinocyte proline-rich protein [Homo sapiens]	gi 68563515	64 kDa	1.0	4.1	4.15
endoplasmic reticulum resident protein 44 precursor [Homo sapiens]	gi 52487191	47 kDa	1.0	4.1	4.15

ATP synthase subunit beta, mitochondrial precursor [Homo sapiens]	gi 32189394	57 kDa	1.0	4.1	4.15
enoyl-CoA delta isomerase 1, mitochondrial isoform 2 precursor [Homo sapiens]	gi 295842266	31 kDa	1.0	4.1	4.15
triosephosphate isomerase isoform 2 [Homo sapiens]	gi 226529917	31 kDa	1.0	4.1	4.15
filaggrin [Homo sapiens]	gi 60097902	435 kDa	1.0	4.1	4.15
serpin B3 [Homo sapiens]	gi 5902072	45 kDa	1.0	4.1	4.15
PREDICTED: hydroxyacyl-coenzyme A dehydrogenase, mitochondrial isoform X1 [Homo sapiens]	gi 530377639	35 kDa	1.0	4.1	4.15
hydroxymethylglutaryl-CoA lyase, mitochondrial isoform 1 precursor [Homo sapiens]	gi 62198232	34 kDa	1.0	4.1	4.15
methylosome protein 50 [Homo sapiens]	gi 13129110	37 kDa	1.0	5.5	5.53
transmembrane protein 201 isoform 1 [Homo sapiens]	gi 262399371	72 kDa	1.0	5.5	5.53
fumarate hydratase, mitochondrial [Homo sapiens]	gi 19743875	55 kDa	1.0	6.9	6.91