

Entry name	Protein name	Alternate names	UniProt Accession	Gene name	MW (KDa)	Normalized spectrum counts		
						Granules	Polyribosomes	Ratio G/P
CAPR1	Caprin-1	Caprin1 Gpiap,Gpiap1,Gpip137,M11s1,Rng105	Q60865	Caprin1	78	48	37	1,30
RL4	60S ribosomal protein L4	Rpl4	Q9D8E6	Rpl4	47	45	77	0,58
G3BP2	Ras GTPase-activating protein-binding protein 2	G3bp2	P97379	G3bp2	54	41	24	1,71
HSP7C	Heat shock cognate 71 kDa protein	Hspa8 Hsc70,Hsc73	P63017	Hspa8	71	41	23	1,78
MYH10	Myosin-10	Myh10	Q61879	Myh10	229	41	0	only in G
Q5FWB6	60S acidic ribosomal protein P0	Rplp0 mCG_17387	Q5FWB6	Rplp0	34	39	47	0,83
PABP1	Polyadenylate-binding protein 1	Pabpc1 Pabp1	P29341	Pabpc1	71	38	40	0,95
ACTG	Actin, cytoplasmic 2	Actg1 Actg	P63260	Actg1	42	35	3	11,67
RS3	40S ribosomal protein S3	Rps3	P62908	Rps3	27	32	31	1,03
RSSA	40S ribosomal protein SA	Rpsa Lamr1,P40-8	P14206	Rpsa	33	32	27	1,19
GBLP	Guanine nucleotide-binding protein ...	Gnb211 Gnb2-rs1	P68040	Gnb211	35	29	26	1,12
MYO5A	Myosin-5a	Myo5a	B8JK04	Myo5a	215	29	7	4,14
TBB2A	Tubulin beta-2A chain	Tubb2a Tubb2	Q7TMM9	Tubb2a	50	29	10	2,90
RS4X	40S ribosomal protein S4, X isoform	Rps4x Rps4	P62702	Rps4x	30	25	27	0,93
TBB5	Tubulin beta-5 chain	Tubb5	P99024	Tubb5	50	25	0	only in G
YBOX1	Nuclease-sensitive element-binding protein 1	Ybx1 Msy-1,Msy1,Nsep1,Yb1	P62960	Ybx1	36	25	21	1,19
RL7A	60S ribosomal protein L7a	Rpl7a Surf-3,Surf3	P12970	Rpl7a	30	22	31	0,71
RL3	60S ribosomal protein L3	Rpl3	P27659	Rpl3	46	20	43	0,47
Q80Y51	ELAV (Embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B)	Elavl2	Q80Y51	Elavl2	41	19	18	1,06
RL12	60S ribosomal protein L12	Rpl12	P35979	Rpl12	18	19	17	1,12
RL6	60S ribosomal protein L6	Rpl6	P47911	Rpl6	34	19	43	0,44
Q9CXQ0	ELAV (Embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)	Elavl4	Q9CXQ0	Elavl4	41	17	13	1,31
RL5	60S ribosomal protein L5	Rpl5	P47962	Rpl5	34	17	19	0,89
RENT1	Regulator of nonsense transcripts 1	Upf1 Rent1	Q9EPU0	Upf1	124	17	29	0,59
GRP78	78 kDa glucose-regulated protein	Hspa5 Grp78	P20029	Hspa5	72	16	0	only in G
RL10	60S ribosomal protein L10	Rpl10 Qm	Q6ZWW3	Rpl10	25	16	22	0,73
RL23	60S ribosomal protein L23	Rpl23	P62830	Rpl23	15	16	11	1,45
RL30	60S ribosomal protein L30	Rpl30	P62889	Rpl30	13	16	16	1,00
RL38	60S ribosomal protein L38	Rpl38	Q9JJI8	Rpl38	8	16	8	2,00
RS27	40S ribosomal protein S27	Rps27	Q6ZWU9	Rps27	9	16	10	1,60
HNRPU	Heterogeneous nuclear ribonucleoprotein U	Hnrnpu Hnrpu	Q8VEK3	Hnrnpu	88	15	25	0,60
AINX	Alpha-internexin	Ina	P46660	Ina	56	15	0	only in G
RL14	60S ribosomal protein L14	Rpl14	Q9CR57	Rpl14	24	15	27	0,56
RS21	40S ribosomal protein S21	Rps21	Q9CQR2	Rps21	9	15	6	2,50
STAU2	Double-stranded RNA-binding protein Staufen homolog 2	Stau2	Q8CJ67	Stau2	63	15	14	1,07
Q6P5B5	Fragile X mental retardation, autosomal homolog 2	Fxr2 Fxr2h	Q6P5B5	Fxr2	74	13	10	1,30
RL23A	60S ribosomal protein L23a	Rpl23a	P62751	Rpl23a	18	13	12	1,08
Q6ZWZ4	60S ribosomal protein L36	Rpl36 mCG_20352	Q6ZWZ4	Rpl36	12	13	14	0,93
RL7	60S ribosomal protein L7	Rpl7	P14148	Rpl7	31	13	27	0,48
RS14	40S ribosomal protein S14	Rps14	P62264	Rps14	16	13	11	1,18
RS15	40S ribosomal protein S15	Rps15 Rig	P62843	Rps15	17	13	12	1,08
RS18	40S ribosomal protein S18	Rps18	P62270	Rps18	18	13	13	1,00
RS3A	40S ribosomal protein S3a	Rps3a Rps3a1	P97351	Rps3a	30	13	18	0,72
TBA1A	Tubulin alpha-1A chain	Tuba1a Tuba1	P68369	Tuba1a	50	13	4	3,25
ELAV3	ELAV (Embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C)	Elavl3 Huc	Q60900	Elavl3	40	12	13	0,92
Q8VHM5	Heterogeneous nuclear ribonucleoprotein R	Hnrnpr Hnrpr	Q8VHM5	Hnrnpr	71	12	14	0,86

ILF3	Interleukin enhancer-binding factor 3	Ilf3	Q9Z1X4	Ilf3	96	12	16	0,75
Q99LF8	Polyadenylate-binding protein, cytoplasmic 4	Pabpc4	Q99LF8	Pabpc4	72	12	12	1,00
RL17	60S ribosomal protein L17	Rpl17	Q9CPR4	Rpl17	21	12	20	0,60
RLA1	60S acidic ribosomal protein P1	Rplp1	P47955	Rplp1	11	12	8	1,50
Q642L7	40S ribosomal protein S27A	Rps27a	Q642L7	Rps27a	18	12	6	2,00
RS6	40S ribosomal protein S6	Rps6	P62754	Rps6	29	12	21	0,57
RS8	40S ribosomal protein S8	Rps8	P62242	Rps8	24	12	34	0,35
Q69ZJ3	S phase cyclin A-associated protein in the ER	Scaper	Q69ZJ3	Scaper	157	12	21	0,57
HNRPQ	Heterogeneous nuclear ribonucleoprotein Q	Syncrip	Q77MK9	Syncrip	70	12	15	0,80
DHX30	Putative ATP-dependent RNA helicase DHX30	Dhx30	Q99PU8	Dhx30	137	10	22	0,45
Q547R0	Fragile X mental retardation protein FMRP	Fmr1	Q547R0	Fmr1	66	10	8	1,25
FXR1	Fragile X mental retardation syndrome-related protein 1	Fxr1	Q61584	Fxr1	76	10	4	2,50
RL13	60S ribosomal protein L13	Rpl13	P47963	Rpl13	24	10	16	0,63
RL27A	60S ribosomal protein L27a	Rpl27a	Q9CQ16	Rpl27a	17	10	14	0,71
RL32	60S ribosomal protein L32	Rpl32	P62911	Rpl32	16	10	7	1,43
RLA2	60S acidic ribosomal protein P2	Rplp2	P99027	Rplp2	12	10	8	1,25
RS13	40S ribosomal protein S13	Rps13	P62301	Rps13	17	10	14	0,71
RS16	40S ribosomal protein S16	Rps16	P14131	Rps16	16	10	21	0,48
RS9	40S ribosomal protein S9	Rps9	Q6ZWN5	Rps9	23	10	11	0,91
VIME	Vimentin	Vim	P20152	Vim	54	10	0	only in G
G3BP1	Ras GTPase-activating protein-binding protein 1	G3bp1	P97855	G3bp1	52	9	2	4,50
Q3UXI9	Interleukin enhancer-binding factor 2	Ilf2	Q3UXI9	Ilf2	43	9	10	0,90
Q5XJF6	Ribosomal protein L1	Rpl10a	Q5XJF6	Rpl10a	25	9	12	0,75
RL18	60S ribosomal protein L18	Rpl18	P35980	Rpl18	22	9	19	0,47
RL21	60S ribosomal protein L21	Rpl21	O09167	Rpl21	19	9	12	0,75
RL8	60S ribosomal protein L8	Rpl8	P62918	Rpl8	28	9	9	1,00
RL9	60S ribosomal protein L9	Rpl9	P51410	Rpl9	22	9	14	0,64
RS10	40S ribosomal protein S10	Rps10	P63325	Rps10	19	9	7	1,29
RS11	40S ribosomal protein S11	Rps11	P62281	Rps11	18	9	11	0,82
RS2	40S ribosomal protein S2	Rps2	P25444	Rps2	31	9	18	0,50
RS20	40S ribosomal protein S20	Rps20	P60867	Rps20	13	9	11	0,82
RS24	40S ribosomal protein S24	Rps24	P62849	Rps24	15	9	16	0,56
RS28	40S ribosomal protein S28	Rps28	P62858	Rps28	8	9	2	4,50
RS7	40S ribosomal protein S7	Rps7	P62082	Rps7	22	9	15	0,60
Q9DBE7	Double-stranded RNA-binding protein Staufen homolog 1	Stau1	Q9DBE7	Stau1	54	9	10	0,90
RS30	40S ribosomal protein S30	Fau	P62862	Rps30	7	7	4	1,75
PRKRA	Interferon-inducible double stranded RNA-dependent protein kinase activator A	Prkra	Q9WTX2	Prkra	34	7	8	0,88
RN214	RING finger protein 214	Rnf214	Q8BFU3	Rnf214	74	7	3	2,33
RL13A	60S ribosomal protein L13a	Rpl13a	P19253	Rpl13a	23	7	14	0,50
RS19	40S ribosomal protein S19	Rps19	Q9CZX8	Rps19	16	7	10	0,70
RS23	40S ribosomal protein S23	Rps23	P62267	Rps23	16	7	11	0,64
RS25	40S ribosomal protein S25	Rps25	P62852	Rps25	14	7	10	0,70
Q91V55	40S ribosomal protein S5	Rps5	Q91V55	Rps5	23	7	12	0,58
EIF3B	Eukaryotic translation initiation factor 3 subunit B	Eif3b	Q8JZQ9	Eif3b	91	6	4	1,50
NFL	Neurofilament light polypeptide	Nefl	P08551	Nefl	62	6	0	only in G
PURA	Transcriptional activator protein Pur-alpha	Pura	P42669	Pura	35	6	11	0,55
RL11	60S ribosomal protein L11	Rpl11	Q9CXW4	Rpl11	20	6	9	0,67
RL22	60S ribosomal protein L22	Rpl22	P67984	Rpl22	15	6	6	1,00

RL24	60S ribosomal protein L24	Rpl24	Q8BP67	Rpl24	18	6	17	0,35
RL26	60S ribosomal protein L26	Rpl26	P61255	Rpl26	17	6	5	1,20
RL31	60S ribosomal protein L31	Rpl31	P62900	Rpl31	14	6	11	0,55
RL35	60S ribosomal protein L35	Rpl35	Q62WV7	Rpl35	15	6	5	1,20
Q6ZWZ6	40S ribosomal protein S12	Rps12	Q6ZWZ6	Rps12	15	6	5	1,20
RS15A	40S ribosomal protein S15a	Rps15a	P62245	Rps15a	15	6	10	0,60
RS17	40S ribosomal protein S17	Rps17	P63276	Rps17	16	6	12	0,50
PAIRB	Plasminogen activator inhibitor 1 RNA-binding protein	Serbp1	Q9CY58	Serbp1	45	6	7	0,86
ACTN1	Alpha-actinin-1	Actn1	Q7TPR4	Actn1	103	4	0	only in G
DREB	Drebrin	Dbn1	Q9QXS6	Dbn1	77	4	0	only in G
HNRPC	Heterogeneous nuclear ribonucleoproteins C1/C2	Hnrnpc	Q9Z204	Hnrnpc	34	4	8	0,50
NPM	Nucleophosmin	Npm1	Q61937	Npm1	33	4	9	0,44
RL15	60S ribosomal protein L15	Rpl15	Q9CZM2	Rpl15	24	4	5	0,80
RL27	60S ribosomal protein L27	Rpl27	P61358	Rpl27	16	4	8	0,50
SRPK1	Serine/threonine-protein kinase SRPK1	Srpk1	O70551	Srpk1	73	4	6	0,67
UBP10	Ubiquitin carboxyl-terminal hydrolase 10	Usp10	P52479	Usp10	87	4	8	0,50
DYST	Dystonin	Dst	Q91ZU6	Dst	834	3	0	only in G
MA7D1	MAP7 domain-containing protein 1	Map7d1	A2AJI0	Map7d1	93	3	4	0,75
ML12B	Myosin regulatory light chain 12B	Myl12b	Q3THE2	Myl12b	20	3	0	only in G
MYL6	Myosin light polypeptide 6	Myl6	Q60605	Myl6	17	3	0	only in G
NFM	Neurofilament medium polypeptide	Nefm	P08553	Nefm	96	3	0	only in G
PRPF19	Pre-mRNA-processing factor 19	Prpf19	Q99KP6	Prpf19	55	3	2	1,50
PURB	Transcriptional activator protein Pur-beta	Purb	O35295	Purb	34	3	11	0,27
RL19	60S ribosomal protein L19	Rpl19	P84099	Rpl19	23	3	0	only in G
RL35A	60S ribosomal protein L35a	Rpl35a	O55142	Rpl35a	13	3	2	1,50
RS26	40S ribosomal protein S26	Rps26	P62855	Rps26	13	3	12	0,25
LA	Lupus La protein homolog	Ssb	P32067	Ssb	48	3	3	1,00
UBP2L	Ubiquitin-associated protein 2-like	Ubp2l	Q80X50	Ubp2l	117	3	0	only in G
1433Z	14-3-3 protein zeta/delta	Ywhaz	P63101	Ywhaz	28	3	0	only in G
EIF3C	Eukaryotic translation initiation factor 3 subunit C	Eif3c	Q8R1B4	Eif3c	106	1	2	0,50
HNRPM	Heterogeneous nuclear ribonucleoprotein M	Hnrnpm	Q9D0E1	Hnrnpm	78	1	2	0,50
RL18A	60S ribosomal protein L18a	Rpl18a	P62717	Rpl18a	21	1	8	0,13
RL34	60S ribosomal protein L34	Rpl34	Q9D1R9	Rpl34	13	1	0	only in G
RS29	40S ribosomal protein S29	Rps29	P62274	Rps29	7	1	2	0,50
AGAP2	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2	Agap2	Q3UHD9	Agap2	125	0	3	only in P
ARHG2	Rho guanine nucleotide exchange factor 2	Arhgef2	Q60875	Arhgef2	112	0	3	only in P
ATX2L	Ataxin-2-like protein	Atxn2l	Q7TQH0	Atxn2l	111	0	2	only in P
SPF27	Pre-mRNA-splicing factor SPF27	Bcas2	Q9D287	Bcas2	26	0	2	only in P
CDC5L	Cell division cycle 5-like protein	Cdc5l	Q6A068	Cdc5l	92	0	7	only in P
CKAP4	Cytoskeleton-associated protein 4	Ckap4	Q8BMK4	Ckap4	64	0	2	only in P
YBOX3	Y-box-binding protein 3	Ybx3	Q9JKB3	Csda	39	0	11	only in P
DHX29	ATP-dependent RNA helicase DHX29	Dhx29	Q6PGC1	Dhx29	154	0	2	only in P
DHX36	ATP-dependent RNA helicase DHX36	Dhx36	Q8VHK9	Dhx36	114	0	8	only in P
DHX9	ATP-dependent RNA helicase A	Dhx9	O70133	Dhx9	149	0	8	only in P
EIF3A	Eukaryotic translation initiation factor 3 subunit A	Eif3a	P23116	Eif3a	162	0	13	only in P
EIF3L	Eukaryotic translation initiation factor 3 subunit L	Eif3l	Q8QZY1	Eif3l	67	0	2	only in P
F120A	Constitutive coactivator of PPAR-gamma-like protein 1	FAM120A	Q6A0A9	FAM120A	122	0	8	only in P
F120C	Constitutive coactivator of PPAR-gamma-like protein 2	Fam120c	Q8C3F2	Fam120c	120	0	6	only in P

Q8K2R0	Farp1 protein	Farp1	Q8K2R0	Farp1	95	0	2	only in P
HNRH1	Heterogeneous nuclear ribonucleoprotein H	Hnrnph1 Hnrph,Hnrph1	Q35737	Hnrnph1	49	0	4	only in P
HNRPK	Heterogeneous nuclear ribonucleoprotein K	Hnrnpk Hnrpk	P61979	Hnrnpk	51	0	4	only in P
LARP1	La-related protein 1	Larp1 Kiaa0731,Larp	Q6ZQ58	Larp1	121	0	2	only in P
LARP4	La-related protein 4	Larp4	Q8BWW4	Larp4	80	0	2	only in P
LAR4B	La-related protein 4B	Larp4b D13Wsu64e,Kiaa0217,Larp5	Q6A0A2	Larp4b	82	0	9	only in P
LAS1L	Ribosomal biogenesis protein LAS1L	Las1l	A2BE28	Las1l	89	0	3	only in P
MATR3	Matrin-3	Matr3	Q8K310	Matr3	95	0	4	only in P
NCBP1	Nuclear cap-binding protein subunit 1	Ncbp1 Cbp80	Q3UYV9	Ncbp1	92	0	2	only in P
NUCL	Nucleolin	Ncl Nuc	P09405	Ncl	77	0	4	only in P
NOL9	Polynucleotide 5'-hydroxyl-kinase nucleolar protein 9	Nol9	Q3TZX8	Nol9	81	0	2	only in P
NUFP2	Nuclear fragile X mental retardation-interacting protein 2	Nufip2 Kiaa1321	Q5F2E7	Nufip2	76	0	6	only in P
PRC2A	Large proline-rich protein BAT2	Prcc2a Bat2	Q7TSC1	Prcc2a	229	0	5	only in P
PRC2C	BAT2 domain-containing protein 1	Prcc2c Bat2d,Bat2d1,Bat2l2,Kiaa1096	Q3TLH4	Prcc2c	309	0	6	only in P
PURG	Purine-rich element-binding protein gamma	Purg	Q8R4E6	Purg	40	0	6	only in P
RBMX	Heterogeneous nuclear ribonucleoprotein G	Rbmx Hnrnpg,Hnrpg,Rbmxp1,Rbmxrt	Q9R0Y0	Rbmx	31	0	4	only in P
RL28	60S ribosomal protein L28	Rpl28	P41105	Rpl28	16	0	1	only in P
RL37A	60S ribosomal protein L37a	Rpl37a	P61514	Rpl37a	10	0	2	only in P
RRBP1	Ribosome-binding protein 1	Rrbp1	Q99PL5	Rrbp1	173	0	3	only in P
SUGP2	Putative splicing factor, arginine/serine-rich 14	Sugp2 Sfrs14,Srsf14	Q8CH09	Sfrs14	118	0	2	only in P
SPAS2	Spermatogenesis-associated serine-rich protein 2	Spats2 Scr59	Q8K1N4	Spats2	59	0	2	only in P
SPS2L	SPATS2-like protein	Spats2l	Q91WJ7	Spats2l	62	0	3	only in P
STRBP	Spermatid perinuclear RNA-binding protein	Strbp Spnr	Q91WM1	Strbp	74	0	4	only in P
TEX10	Testis-expressed sequence 10 protein	Tex10	Q3URQ0	Tex10	105	0	2	only in P
THOC4	THO complex subunit 4	Alyref Aly,Ref1,Refbp1,THOC4	O08583	Thoc4	27	0	2	only in P
TTC3	E3 ubiquitin-protein ligase, tetratricopeptide repeat domain 3	Ttc3 Kiaa4119	O88196	Ttc3	224	0	2	only in P
WDR18	WD repeat-containing protein 18	Wdr18	Q4VBE8	Wdr18	47	0	2	only in P
A2A7S7	Tyrosyl-tRNA synthetase	Yars mCG_141662	A2A7S7	Yars	63	0	6	only in P
ZFR	Zinc finger RNA-binding protein	Zfr	O88532	Zfr	117	0	4	only in P

Total proteins detected	128	155
Total normalized spectrum counts	1579	1789
Ribosomal proteins normalized spectrum counts	765	1011
% normalized spectrum counts corresponding to ribosomal proteins	48,4%	56,5%