

Supplemental Table 2: Proteins

* documented literature supported differential cellular localization

Protein name	Protein accession numbers	Protein identification probability	Exclusive unique peptide count	Exclusive unique spectrum count	Exclusive spectrum count	Localization
Collagen alpha-1(I) chain OS=Homo sapiens GN=COL1A1	sp P02452 CO1A1	100.00%	16	16	92	ECM
Collagen alpha-2(I) chain OS=Homo sapiens GN=COL1A2	sp P08123 CO1A2	100.00%	20	20	326	ECM
Collagen alpha-1(III) chain OS=Homo sapiens GN=COL3A1	sp P02461 CO3A1	100.00%	6	6	13	ECM
Collagen alpha-2(IV) chain OS=Homo sapiens GN=COL4A2	sp P08572 CO4A2	100.00%	2	3	7	ECM
Collagen alpha-1(V) chain OS=Homo sapiens GN=COL5A1	sp P20908 CO5A1	100.00%	6	8	11	ECM
Collagen alpha-2(V) chain OS=Homo sapiens GN=COL5A2	sp P05997 CO5A2	100.00%	4	6	15	ECM
Collagen alpha-1(VI) chain OS=Homo sapiens GN=COL6A1	sp P12109 CO6A1	100.00%	6	10	14	ECM
Collagen alpha-2(VI) chain OS=Homo sapiens GN=COL6A2	sp P12110 CO6A2	100.00%	13	14	23	ECM
Collagen alpha-3(VI) chain OS=Homo sapiens GN=COL6A3	sp P12111 CO6A3	100.00%	36	36	45	ECM
Collagen alpha-1(XII) chain OS=Homo sapiens GN=COL12A1	sp Q99715 COCA1	100.00%	4	4	4	ECM
Collagen alpha-1(XIV) chain OS=Homo sapiens GN=COL14A1	sp Q05707 COEA1	100.00%	18	24	39	ECM
Collagen alpha-1(XIV) chain OS=Homo sapiens GN=COL14A1	sp Q05707 COEA1	100.00%	2	4	6	ECM
Collagen alpha-1(XVI) chain OS=Homo sapiens GN=COL16A1	sp Q07092 COGA1	100.00%	1	2	2	ECM
Asporin OS=Homo sapiens GN=ASPN	sp Q9BXN1 ASPN	100.00%	2	2	3	ECM
Biglycan OS=Homo sapiens GN=BGN	sp P21810 PGS1	100.00%	15	15	25	ECM
Decorin OS=Homo sapiens GN=DCN	sp P07585 PGS2	100.00%	8	8	13	ECM
Dermatopontin OS=Homo sapiens GN=DPT	sp Q07507 DERM	100.00%	2	2	2	ECM
EMILIN-1 OS=Homo sapiens GN=EMILIN1	sp Q9Y6C2 EMIL1	100.00%	2	2	2	ECM
Alpha-enolase OS=Homo sapiens GN=ENO1	sp P06733 ENOA	100.00%	9	10	15	Memb/Cyto*
Fibrinogen alpha chain OS=Homo sapiens GN=FGA	sp P02671 FIBA	100.00%	8	10	20	ECM
Fibrinogen gamma chain OS=Homo sapiens GN=FGG	sp P02679-2 FIBG,sp P02679 FIBG	100.00%	6	7	15	ECM
Isoform 14 of Fibronectin OS=Homo sapiens GN=FN1	sp P02751-14 FINC	100.00%	2	2	3	ECM
Gelsolin OS=Homo sapiens GN=GSN	sp P06396 GELS	100.00%	16	16	19	Cyto/ECM
Galectin-3 OS=Homo sapiens GN=LGALS3	sp P17931 LEG3	100.00%	2	2	2	ECM
Prelamin-A/C OS=Homo sapiens GN=LMNA	sp P02545 LMNA	100.00%	2	2	4	ECM
Lumican OS=Homo sapiens GN=LUM	sp P51884 LUM	100.00%	15	15	23	ECM
Microfibril-associated glycoprotein 4 OS=Homo sapiens GN=MFAP4	sp P55083-2 MFAP4,sp P55083 MFAP4	100.00%	2	2	3	ECM
Protein disulfide-isomerase OS=Homo sapiens GN=P4HB	sp P07237 PDIA1	100.00%	4	4	4	ER/Mem*
Phosphatidylethanolamine-binding protein 1 OS=Homo sapiens GN=PEBP1	sp P30086 PEBP1	100.00%	5	5	7	ECM/Mem
Isoform 4 of Plectin OS=Homo sapiens GN=PLEC	sp Q15149-4 PLEC	100.00%	3	3	3	Cyto/ECM
Isoform 3 of Periostin OS=Homo sapiens GN=POSTN	sp Q15063-3 POSTN	100.00%	9	11	25	ECM
Peroxisome assembly factor 5, mitochondrial OS=Homo sapiens GN=PRDX5	sp P30044 PRDX5	100.00%	4	4	7	Mito/Peroxisome*
Prolargin OS=Homo sapiens GN=PRELP	sp P51888 PRELP	100.00%	6	7	8	ECM
Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1	sp P01009 A1AT	100.00%	6	6	8	ECM
Transforming growth factor-beta-induced protein ig-h3 OS=Homo sapiens GN=TGFBI	sp Q15582 BGH3	100.00%	3	3	3	ECM
Talin-1 OS=Homo sapiens GN=TLN1	sp Q9Y490 TLN1	100.00%	2	2	2	ECM/Cyto
Tenascin-X OS=Homo sapiens GN=TNXB	sp P22105 TENX	100.00%	2	2	2	ECM
Vimentin OS=Homo sapiens GN=VIM	sp P08670 VIME	100.00%	34	36	49	ECM
X-ray repair cross-complementing protein 5 OS=Homo sapiens GN=XRCC5	sp P13010 XRCC5	100.00%	3	4	7	Nucleus

