

Recombinant Human FBLN1

Cat. No. FBLN1-28904TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Fibulin 1 with N terminal proprietary tag; Predicted MWt 101.2 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	683 amino acids
Description	Fibulin 1 is a secreted glycoprotein that becomes incorporated into a fibrillar extracellular matrix. Calcium-binding is apparently required to mediate its binding to laminin and nidogen. It mediates platelet adhesion via binding fibrinogen. Four splice variants which differ in the 3 end have been identified. Each variant encodes a different isoform, but no functional distinctions have been identified among the four variants.
Molecular Weight	101.200kDa inclusive of tags
Tissue specificity	Isoform A and isoform B are only expressed in placenta. Isoform C and isoform D are expressed in a variety of tissues and cultured cells.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MERAAPSRRVPLQLLLLGLALLAAGVDADVLEACCADG HRMATHQKDCSLPYAT ESKECRMVQECCHSQLEELHCAT GISLANEQDRCATPHGDNASLEATFVKRCCH CCLLGRAAQ AQQQSCEYSMLVGYQCGQVFRACCVKSQETGDLDVGGGLQE TDKII EVEEEQEDPYLNDRRCRGGGPCKQQCRDTGDEVVCS CFVGYQLSDGVSCEDVNE CITGSHSCLRGESCINTVGSF RCQRDSSCGTGyelTEDNSCKDIDECESGIHNCLP DFICQ NTLGSFRCRPKLQCKSGFIQDALGNCIDINECLSISAPCP IGHTCINTEGSYT CQKNVPNCGRGYHLNEEGTRCVDVDEC APPAEPCKGKHRCVNSPGSFRCECKTG YYFDGISRMCDV NECQRYPGRLCGHKCENTLGSYLCSCSVGFRLSVDGRSCE DI NECSSSPCSQECANVYGSYQCYCRRGYQLSDVDGVTCE DIDEALPTGGHICSYR CINIPGSFQCSCPSSGYRLAPNG SNCQDIDECVTGIHNCSINETCFNIQGGFRCLAF ECPENY RRSAAATRCERLPCHENRECSKLPLRITYYHLSFPTNIQAP AVVFRMGPS AVPGDSMQLAITGGNEEGFFTTTRKVSPHSG VVALTKPVPEPRDLLLTVKMDLSRHG TVSSFVAKLFIFVS AEL
Sequence Similarities	Belongs to the fibulin family.Contains 3 anaphylatoxin-like domains.Contains 9 EGF-like domains.

GENE INFORMATION

Gene Name	FBLN1 fibulin 1 [Homo sapiens]
Official Symbol	FBLN1
Synonyms	FBLN1; fibulin 1; fibulin-1; FBLN;
Gene ID	2192

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mRNA Refseq	NM_001996
Protein Refseq	NP_001987
MIM	135820
Uniprot ID	P23142
Chromosome Location	22q13.31
Function	calcium ion binding; extracellular matrix structural constituent; peptidase activator activity;

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