

Recombinant Human FBLN1

Cat. No. FBLN1-28901TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 151-250 of Human Fibulin 1 with an N terminal proprietary tag; Predicted MWt 36.63 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	100 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	36.630kDa 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:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GDLDVGGLQETDKIIEVEEEQEDPYLNDRRCRGGGPCKQQCRDTGDEVVCSCFVG YQLSDGVSCEDVNECITGSHSCRLGESCINTVGSFRCQRDSSCGT
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
mRNA Refseq	NM_001996
Protein Refseq	NP_001987
MIM	135820
Uniprot ID	P23142
Chromosome Location	22q13.31

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Function

calcium ion binding; extracellular matrix structural constituent; peptidase activator activity;

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