

Recombinant Full Length Human FBLN1 Protein, GST-tagged

Cat. No. FBLN1-4880HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBLN1 full-length ORF (AAH22497.1, 1 a.a. - 683 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
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. [provided by RefSeq, Jul 2008]
Molecular Mass	100.8 kDa
AA Sequence	MERAAPSRRVPLQLLLLGLALLAAGVDADVLEACCADGHRMATHQKDCSLPYAT ESKECRMVQEQCCHSQLEELHCATGISLANEQDRCATPHGDNASLEATFVKRCCH CCLLGRAAQAQGQSCEYSLMVGYYQCGQVFRACCVKSQETGDLVDVGGGLQETDKIIE VEEEQEDPYLNDRCRGGGPCKQQCRDTGDEVVCSCFVGYYQLSDGVSCEDVNECI TGSHSCLRGESCINTVGSFRCQRDSSCGTGyelTEDNSCKDIDECESGIHNCLPDFI CQNTLGSFRCRPKLQCKSGFIQDALGNCIDINECLISAPCPIGHTCINTEGSYTCQK NVPNCGRGYHLNEEGTRCVDVDECAPPAEPCGKGHRCVNSPGSFRCECKTGYYF

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DGISRMCVDVNECQRYPGRLCGHKCENTLGSYLCSCSVGFRLSVDGRSCEDINEC
 SSSPCSQECANVYGSYQCYCRRGYQLSDVDGVTCEIDIDECALPTGGHICSYRCINIP
 GSFQCSCPSSGYRLAPNGSNCQDIDECVTGIHNCSINETCFNIQGGFRCLAFECPEN
 YRRSAATRCERLPCHENRECSKLPRLITYYHLSFPTNIQAPAVVFRMGPPSSAVPGDS
 MQLAITGGNEEGFFTTTRKVSHPHSGVVALTKPVPEPRDLLLTVKMDLSRHGTVSSFVA
 KLFIFVSAEL

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FBLN1 fibulin 1 [Homo sapiens]

Official Symbol

FBLN1

Synonyms

FBLN1; fibulin 1; fibulin-1; FBLN; FIBL1;

Gene ID

2192

mRNA Refseq

NM_001996

Protein Refseq

NP_001987

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MIM	135820
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UniProt ID	P23142
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