

Active Recombinant Human FBLN1 Protein, HA-tagged

Cat. No. FBLN1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBLN1 Protein (Asp30-Leu683) with an N-terminal HA tag was expressed in Human embryonic kidney cell, HEK293.
Species	Human
Source	HEK293
ProteinLength	30-683 a.a.
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.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HFL1 human fetal lung fibroblast cells. The ED50 for this effect is 0.7-3.5 µg/mL.
Molecular Mass	73 kDa
N-terminal Sequence Analysis	Tyr
Endotoxin	< 0.10 EU/µg of the protein by the LAL method.

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Purity	> 95% by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS
Reconstitution	Reconstitute at 250 µg/mL in PBS.
Shipping	The product is shipped at ambient temperature.

GENE INFORMATION

Gene Name	FBLN1 fibulin 1 [Homo sapiens (human)]
Official Symbol	FBLN1
Synonyms	FBLN1; fibulin 1; FBLN; FIBL1; fibulin-1
Gene ID	2192
mRNA Refseq	NM_001996
Protein Refseq	NP_001987
MIM	135820
UniProt ID	P23142

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