

Active Recombinant Human FBLN2 protein, HA-tagged

Cat. No. FBLN2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human embryonic kidney cell, HEK293-derived human Fibulin 2 protein Ala28-Leu1184 (Thr854Ala), with an N-terminal HA tag.
Species	Human
Source	HEK293
ProteinLength	28-1184 a.a.
Description	This gene encodes an extracellular matrix protein, which belongs to the fibulin family. This protein binds various extracellular ligands and calcium. It may play a role during organ development, in particular, during the differentiation of heart, skeletal and neuronal structures. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
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 0.15-0.9 µg/mL.
Molecular Mass	Predicted Molecular Mass: 125 kDa SDS-PAGE: 150-175 kDa, reducing conditions
N-terminal Sequence Analysis	Tyr (of HA tag)

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Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	> 90%
Applications	Bioactivity
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.
Reconstitution	Reconstitute at 500 µg/mL in PBS.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name	FBLN2 fibulin 2 [Homo sapiens (human)]
Official Symbol	FBLN2
Synonyms	FBLN2; FIBL-2; Fibulin 2; Fibulin-2
Gene ID	2199
mRNA Refseq	NM_001004019
Protein Refseq	NP_001004019
MIM	135821

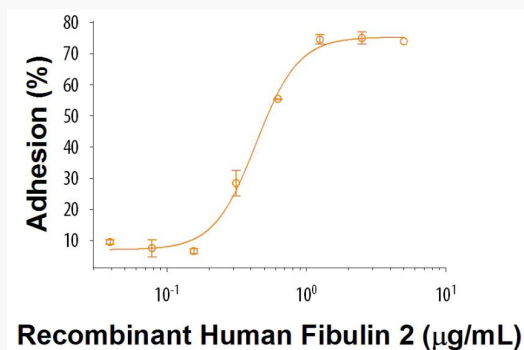
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UniProt ID
P98095

**Recombinant Human
Fibulin 2 Protein
Bioactivity**



Recombinant Human Fibulin 2 Protein Bioactivity Recombinant Human Fibulin 2 supports HFL1 human fetal lung fibroblast cell adhesion. The ED50 for this effect is 0.15-0.9 µg/mL

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