

## Active Recombinant Human FBLN2 protein, HA-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human embryonic kidney cell, HEK293-derived human Fibulin 2 protein Ala28-Leu1184 (Thr854Ala), with an N-terminal HA tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	28-1184 a.a.
<b>Description</b>	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.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Predicted Molecular Mass: 125 kDa SDS-PAGE: 150-175 kDa, reducing conditions
<b>N-terminal Sequence Analysis</b>	Tyr (of HA tag)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

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

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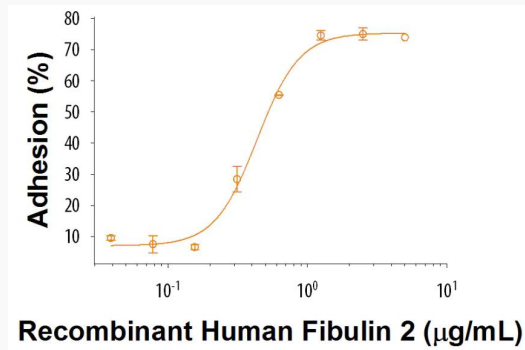
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UniProt ID

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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