

Active Recombinant Mouse Fbln7 Protein (Gln25-Phe440), N-HA tagged

Cat. No. Fbln7-12M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fibulin 7 Protein (Gln25-Phe440) with an N-terminal HA Tag was expressed in Chinese Hamster Ovary cell line.
Species	Mouse
Source	CHO
ProteinLength	Gln25-Phe440
Description	Enables heparan sulfate proteoglycan binding activity and heparin binding activity. Acts upstream of or within positive regulation of biomineralization. Located in extracellular matrix and extracellular space. Is expressed in several structures, including alimentary system; brain; reproductive system; respiratory system; and skeleton. Orthologous to human FBLN7 (fibulin 7).
Form	Disulfide-linked homodimer
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of SVEC4-10 mouse vascular endothelial cells. The ED50 for this effect is 0.7-3.5 µg/mL.
Molecular Mass	Predicted Molecular Mass: 47 kDa SDS-PAGE: 53-63 kDa, reducing conditions
N-terminal Sequence	Tyr

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Analysis	
Endotoxin	<0.10 EU/μg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE with silver 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 500 μg/mL in PBS.
Shipping	The product is shipped with polar packs.
GENE INFORMATION	
Gene Name	Fbln7 fibulin 7 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Fbln7
Synonyms	Fbln7; fibulin 7; TM14; 1600015H20Rik; fibulin-7; FIBL-7; extracellular matrix protein TM14
Gene ID	70370
mRNA Refseq	NM_024237
Protein Refseq	NP_077199

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UniProt ID

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