

Recombinant Mouse Fbln5 Protein, Myc/DDK-tagged

Cat. No. Fbln5-2959M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fibulin 5 (Fbln5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Essential for elastic fiber formation, is involved in the assembly of continuous elastin (ELN) polymer and promotes the interaction of microfibrils and ELN. Stabilizes and organizes elastic fibers in the skin, lung and vasculature. Promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. Vascular ligand for integrin receptors which may play a role in vascular development and remodeling. May act as an adapter that mediates the interaction between FBN1 and ELN.
Molecular Mass	50.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Fbln5 fibulin 5 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Fbln5](#)

Synonyms FBLN5; fibulin 5; fibulin-5; FIBL-5; developmental arteries and neural crest EGF-like protein; A55; EVEC; DANCE

Gene ID [23876](#)

mRNA Refseq [NM_011812](#)

Protein Refseq [NP_035942](#)

UniProt ID [Q9WVH9](#)

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