Recombinant Mouse Fstl3 Protein, Myc/DDK-tagged

Cat. No. Fstl3-3094M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length follistatin-like 3 (Fstl3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The secreted form is a binding and antagonizing protein for members of the TGF-beta family, such us activin, BMP2 and MSTN. Inhibits activin A-, activin B-, BMP2- and MSDT-induced cellular signaling; more effective on activin A than on activin B. Involved in bone formation; inhibits osteoclast differentiation. Involved in hematopoiesis; involved in differentiation of hemopoietic progenitor cells, increases hematopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hematopoietic precursor cells to the bone marrow stroma. The nuclear form is probably involved in transcriptional regulation via interaction with MLLT10.
Molecular Mass	27.3 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.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Fstl3 follistatin-like 3 [Mus musculus (house mouse)]
Official Symbol	Fstl3
Synonyms	FSTL3; follistatin-like 3; follistatin-related protein 3; follistatin-like protein 3; follistatin-related gene protein; Flrg; E030038F23Rik
Gene ID	83554
mRNA Refseq	NM_031380
Protein Refseq	NP_113557
UniProt ID	Q9EQC7

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