

Recombinant Mouse Efemp1 Protein, Myc/DDK-tagged

Cat. No. Efemp1-2748M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length epidermal growth factor-containing fibulin-like extracellular matrix protein 1 (cDNA clone MGC:37612, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Binds EGFR, the EGF receptor, inducing EGFR autophosphorylation and the activation of downstream signaling pathways. May play a role in cell adhesion and migration. May function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, it may regulate glial cell migration, differentiation and the ability of glial cells to support neuronal neurite outgrowth.
Molecular Mass	43.3 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.
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	Efemp1 epidermal growth factor-containing fibulin-like extracellular matrix protein 1 [Mus musculus (house mouse)]
Official Symbol	Efemp1
Synonyms	Efemp1; epidermal growth factor-containing fibulin-like extracellular matrix protein 1; EGF-containing fibulin-like extracellular matrix protein 1; FIBL-3; fibulin-3
Gene ID	216616
mRNA Refseq	NM_146015
Protein Refseq	NP_666127
UniProt ID	Q8BPB5

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