EGFL7/VE-Statin Protein, Mouse (sf9, His)

Cat. No.:	HY-P75731
Synonyms:	Epidermal growth factor-like protein 7; NOTCH4-like protein; VE-statin; MEGF8
Species:	Mouse
Source:	Sf9 insect cells
Accession:	Q9QXT5 (E22-L275)
Gene ID:	353156
Molecular Weight:	Approximately 34 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 100 mM Glycine, 10 mM NaCl, 10% Glycerol, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	EGFL7/VE-Statin Protein plays a pivotal role in regulating vascular tubulogenesis in vivo. It exerts its effects by inhibiting platelet-derived growth factor (PDGF)-BB-induced smooth muscle cell migration, promoting endothelial cell adhesion to the extracellular matrix, and facilitating angiogenesis. EGFL7/VE-Statin Protein interacts with ITGAV/ITGB3 in an RGD-dependent manner, thereby enhancing endothelial cell motility.

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