

VEGF-D/FIGF (C-6His), Mouse, Recombinant

Cat. No. : PCK102

General Information

Synonyms	Vascular Endothelial Growth Factor D;c-Fos-induced Growth Factor;FIGF;VEGFD;
Species	Mouse
Expression host	Human Cells
Sequence	Phe98-Ser206
Accession	P97946
Tag	C-6His
Mol mass	13.1 kDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Mouse vascular Endothelial Growth Factor D, (VEGFD) is a member of the platelet-Derived Growth Factor/vascular Endothelial Growth Factor (PDGF/VEGF) family. VEGFD is a secreted Protein and highly expressed in fetal and adult lung. It undergoes a complex proteolytic maturation, generating multiple processed forms that bind and activate VEGFR-2 and VEGFR-3 Receptors. The structure and function of this Protein is similar to VEGFC. VEGFD is Growth Factor which active in angiogenesis, lymphangiogenesis, and Endothelial cell Growth, stimulating their proliferation and migration and also has effects on the Permeability of blood vessels.

SDS-PAGE