

Recombinant Mouse VEGF-D (C-6His)

Catalog No: CX18

Description	Recombinant Mouse Vascular Endothelial Growth Factor D is produced by our Mammalian expression system and the target gene encoding Phe98-Ser206 is expressed with a 6His tag at the C-terminus.	
Source	Human Cells	
Alternative name	Vascular endothelial growth factor D; c-Fos-induced growth factor; FIGF; VEGFD	
Accession No.	P97946	
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.	
Quality Control	Purity	Greater than 95% as determined by reducing SDS-PAGE.
	Endotoxin	Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
Predicted Molecular Weight	13.1kDa AP	
AP Molecular Weight	18kDa, reducing conditions.	
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.	
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	
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

