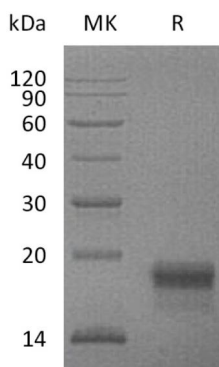




## VEGFD/FIGF/Vascular endothelial growth factor D

E21-D18

**Catalog Number:**E21-D18**Amount:**10ug**Altername:**Vascular endothelial growth factor D; c-Fos-induced growth factor; FIGF; VEGFD;**Storage/Stability:**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.**Species:**Mouse**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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.**Endotoxin:**Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.**Purity:**Greater than 95% as determined by reducing SDS-PAGE.**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.**Product State:**Lyophilized**Ship Description:**The product is shipped at ambient temperature.**Formulation:**Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.**Expression system:**Human cells

Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

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