Datasheet for ABIN1691554

VEGFD Protein (AA 98-206) (His tag)

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Overview

Quantity:	50 µg
Target:	VEGFD (Figf)
Protein Characteristics:	AA 98-206
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGFD protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse VEGF-D/PIGF (C-6His)
Sequence:	FYDTETLKVI DEEWQRTQCS PRETCVEVAS ELGKTTNTFF KPPCVNVFRC GGCCNEEGVM CMNTSTSYIS KQLFEISVPL TSVPELVPVK IANHTGCKCL PTGPRHPYSV DHHHHHH
Characteristics:	Recombinant Mouse Vascular endothelial growth factor D/VEGFD is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Phe98-Ser206) of Mouse VEGFD fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	VEGFD (Figf)

Target Details

Alternative Name:	VEGFD (Figf Products)
Sub Type:	Fusionprotein
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. Alternative Names: Vascular endothelial growth factor D, c-Fos-induced growth factor, FIGF,VEGFD,
Molecular Weight:	13.1 kDa
UniProt:	P97946
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months