



Datasheet for ABIN666717

VEGF121 Protein (Isoform 121) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	VEGF121
Protein Characteristics:	Isoform 121
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGF121 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	VEGF121, 207-327aa, Human, His tagged, Recombinant, E.coli
Purity:	> 95 % by SDS PAGE

Target Details

Target:	VEGF121
Alternative Name:	VEGF 121 (VEGF121 Products)
Background:	Vascular endothelial growth factor (VEGF) is homodimeric, heparin-binding glycoprotein involved in both angiogenesis and vasculogenesis. VEGF is expressed as multiple alternately spliced isoforms of VEGF121, 165, 189 and 206. VEGF binds to the receptor tyrosine kinases VEGF R1 (Flt-1) and VEGF R2 (KDR/Flk-1) to activate signal transduction and regulate both physiological and pathological angiogenesis. Recombinant VEGF121 protein was expressed in

Target Details

E.coli and purified by using conventional chromatography techniques. Synonyms: VPF, VEGF, VEGF-A, MGC70609, VEGF121, Vascular endothelial growth factor A isoform f, Vascular endothelial growth factor A isoform f MVCD1, Vascular endothelial growth factor A, Vascular permeability factor, VEGF A. NCBI no.: NP_001020541

Molecular Weight: 16.3 kDa (142aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

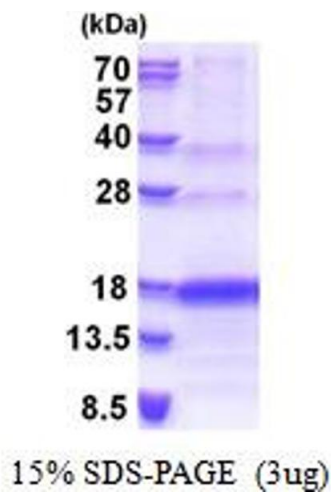
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid in 20mM Tris pH 8.0

Storage: 4 °C

Images



SDS-PAGE

Image 1.