



Datasheet for ABIN667096

VEGF121 Protein (Isoform 121)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	VEGF121
Protein Characteristics:	Isoform 121
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	VEGF121, 207-327aa, Human, 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 E.coli and purified by conventional chromatography, after refolding of the isolated inclusion

Target Details

bodies in a renaturation buffer. Synonyms: Vascular endothelial growth factor A isoform f , VPF, VEGF, VEGF-A, Vascular endothelial growth factor A isoform f MVCD1, Vascular endothelial growth factor A, Vascular permeability factor, VEGF A. NCBI no.: NP_001020541

Molecular Weight: 14.2 kDa (122aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

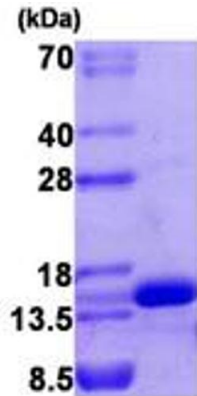
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid in 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol

Storage: 4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.