Datasheet for ABIN6387521

VEGFA Protein (AA 27-146) (His tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	VEGFA
Protein Characteristics:	AA 27-146
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGFA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMAPTTE GEQKAHEVVK FMDVYQRSYC RPIETLVDIF QEYPDEIEYI FKPSCVPLMR CAGCCNDEAL ECVPTSESNV TMQIMRIKPH QSQHIGEMSF LQHSRCECRP KKDRTKPEKC DKPRR
Purity:	> 90% by SDS-PAGE

Target Details

Target:	VEGFA
Alternative Name:	VEGFA (VEGFA Products)
Background:	Vascular endothelial growth factor A isoform 3, also known as VEGFA, belongs to the PDGF/VEGF growth factor family. It is a growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. VEGFA induces endothelial cell proliferation, promotes cell

Target Details

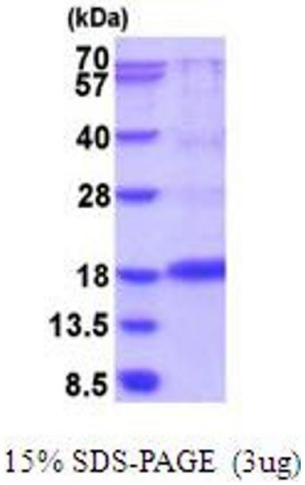
	migration, inhibits apoptosis and induces permeabilization of blood vessels. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo because the expression pattern of VEGF is consistent with a role in embryonic angiogenesis. Recombinant Rat VEGFA protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	16.7 kDa (145aa) confirmed by MALDI-TOF
NCBI Accession:	NP_001274039
UniProt:	P16612
Pathways:	RTK Signaling, Glycosaminoglycan Metabolic Process, Regulation of Cell Size, Tube Formation, Signaling Events mediated by VEGFR1 and VEGFR2, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals, VEGF Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate buffer saline (pH 7.4) containing 50 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.