

Datasheet for ABIN5712562

VEGFA Protein (AA 27-232) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	VEGFA
Protein Characteristics:	AA 27-232
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:	APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQEKKSVRG KGKGQKRKRK KSRYKWSVY VGARCCCLMPW SLPGPHPCGP CSERRKHLFV QDPQTCKCSC KNTDSRCKAR QLELNERTCR CDKPRR
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	VEGFA
Alternative Name:	VEGFA (VEGFA Products)
Background:	Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces

Target Details

endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. May play a role in increasing vascular permeability during lactation, when increased transport of molecules from the blood is required for efficient milk protein synthesis.

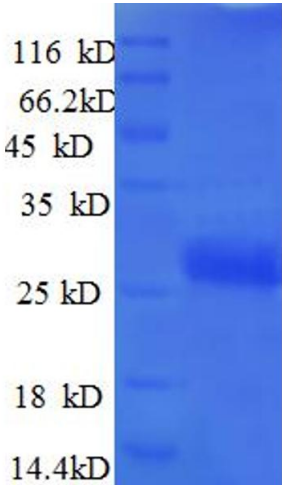
Molecular Weight:	28 kDa
UniProt:	P16612
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process , Regulation of Cell Size , Tube Formation , Signaling Events mediated by VEGFR1 and VEGFR2 , Platelet-derived growth Factor Receptor Signaling , VEGFR1 Specific Signals , VEGF Signaling

Application Details

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

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.