Datasheet for ABIN1477376

VEGFA Protein (AA 27-191) (His tag)

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Overview

Quantity:	1 mg
Target:	VEGFA
Protein Characteristics:	AA 27-191
Origin:	Bitis gabonica
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGFA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	APAQ GDGERQQGEV IPFLKVYERS ICRPVETMVD IFQEYPDEVE YIFKPSCVAL MRCGGCCNDE ALECVPTEMY NVTMEVMKLK PFQSQHIHPV SFQQHSKCEC RPKKDIRNKD NHCEPCSERR KHLYKQDPLT CKCSCKAPDL RCKSKQLELN ERTCRCERPR R
Specificity:	Bitis gabonica (Gaboon adder) (Gaboon viper)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	VEGFA

Target Details

Alternative Name:	Vascular endothelial growth factor A (VEGFA Products)
Background:	Recommended name: Vascular endothelial growth factor A. Short name= VEGF-A. Alternative name(s): Vascular permeability factor. Short name= VPF
UniProt:	P83906
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

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.