

Vascular Endothelial Growth Factor A Recombinant Protein | VEGFA recombinant protein

Recombinant Vascular Endothelial Growth Factor A (VEGFA)

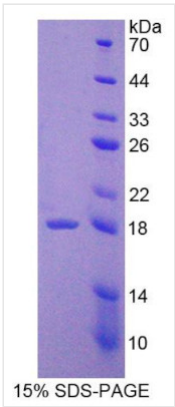
CATALOG # AAA144338	HOST E.coli	REACTIVITY Oryctolagus cuniculus (Rabbit)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Vascular Endothelial Growth Factor A; Recombinant Vascular Endothelial Growth Factor A (VEGFA); VEGFA recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Oryctolagus cuniculus (Rabbit)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for VEGFA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu1~Lys120
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Identification
Figure. Gene Sequencing (extract)

SDS-PAGE

LLLYLHAKH SQAAPMAEEG DNKPHEVVKF MEVYRRSYCQ PIETLVDIFQ
EYPDEIEYIF KPSCVPLVRC GGCCNDESLE CVPTEEFNVT MQIMRIKPHQ
GQHIGEMSFL QHMKCECRPK

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	68341933
NCBI GeneID	443103
NCBI Accession #	NP_001020281.1
NCBI GenBank Nucleotide #	NM_001025110.1
Molecular Weight	Predicted Molecular Mass: 17.9kDa Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VEGF
NCBI Protein Information	vascular endothelial growth factor A
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_SHEEP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.