

Vascular Endothelial Growth Factor A (VEGFA) Recombinant Protein | VEGFA recombinant protein

Recombinant Vascular Endothelial Growth Factor A (VEGFA)

CATALOG # AAA147144	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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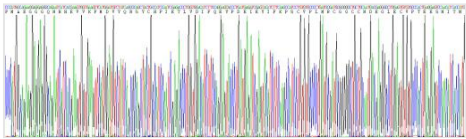
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor A (VEGFA); Recombinant Vascular Endothelial Growth Factor A (VEGFA); VEGF; VEGF-A; VPF; Vascular Endothelial Cell Growth Factor A; Vascular Permeability Factor; VEGFA recombinant protein

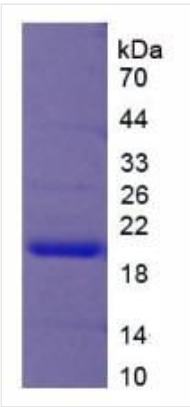
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder
Sequence Length	146
Applicable Applications for VEGFA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Pro20~Arg224
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Source Note	Prokaryotic expression
Organism Species	Rhesus monkey (Simian)
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.2
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	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. 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.

IMAGES



Application Data



SDS-PAGE

P MAEGGGQNH EVVKFMDVYQ RSYCHPIETL
VDIFQEYPDE IEYIFKPSCV PLMRGGCCN DEGLECVPT ESNITMQIMR
IKPHQGQHIG EMSFLQHNKC ECRPKKDRAR QEKKSVRGKG KGQKRKRKKS
RYKSWSVVVG ARCLIPWLS PGPHPGPCS ERRKHLFVQD PQTCKSCSKN
TDSRCKARQL ELNERTCRCD KPRR

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for VEGFA recombinant protein	Recombinant Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68341933
NCBI GeneID	443103
NCBI Accession #	NP_001020281.1
NCBI GenBank Nucleotide #	NM_001025110.1
UniProt Accession #	P50412
Molecular Weight	25.1kDa
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

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.