

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

Recombinant Vascular Endothelial Growth Factor A (VEGFA)

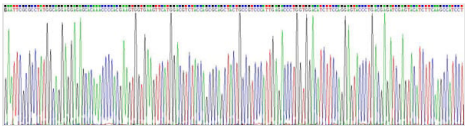
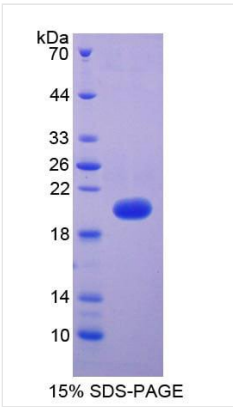
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134726	E.coli	Canis familiaris; Canine (Dog)	Western Blot, SDS-Page

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Canis familiaris; Canine (Dog)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 450ug/mL (varies by lot)
Applicable Applications for VEGFA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala27~Arg190
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.0
Usage	Reconstitute in 10mM PBS (pH7.4) 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

APMA GGEHKPHEVV KFMDEVYORSY
CRPIETLVDI FQEYPDEIEY IFKPSCVPLM RGGGCCNDEG LECVPTEEFN
ITNQIMRIKP HQGQHIGEMS FLQHSKCECR PKKDRARQEN PCGPCSERRK
HLFVQDPQTC KCCKNTDSR CKARQLELNE RTCRCDKPRR

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	160358860
NCBI GeneID	403802
NCBI Accession #	NP_001003175.2
NCBI GenBank Nucleotide #	NM_001003175.2
UniProt Accession #	Q9MYV3; Q9XSF3; Q9XSF4; Q9XSF5
Molecular Weight	Predicted Molecular Mass: 19.1kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	vascular endothelial growth factor A isoform 1
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VEGF
NCBI Protein Information	vascular endothelial growth factor A; VPF; VEGF-A; vascular permeability factor; vascular endothelial growth factor 188
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_CANFA

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.