

Vascular Endothelial Growth Factor Receptor 1 (VEGFR1) Recombinant Protein | VEGFR1 recombinant protein

Recombinant Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)

CATALOG # AAA134609	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Vascular Endothelial Growth Factor Receptor 1 (VEGFR1); Recombinant Vascular Endothelial Growth Factor Receptor 1 (VEGFR1); VEGFR1 recombinant protein

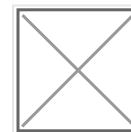
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and S-tag, its sequence is listed below. MHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-SRDKGLY TCRVKSGSSF RTFNTSVHVV EKGFSVKHR KQQVQETIAG KRSHRLSMKV KAFPSPEVW LKDGVPATEK SARYSVHGYS LIIKDVTAE AGDYTILLGI KQSKLFRNLT ATLIVNVKPQ IYEKSVSSLP SPPLYPLGSR QVLTCTVYGI PQPTIKWLWH PCHYNHSEKER NDFCFGSEES FILDSSSNIG NRIEGITQRM MVEGTNKTV STLVV
Sequence Length	1336
Applicable Applications for VEGFR1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ser303~Val524 (Accession # P53767) with two N-terminal Tags, His-tag and S-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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. Stability Test: The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	11276093
NCBI GeneID	54251
NCBI Accession #	NP_062179.1
NCBI GenBank Nucleotide #	NM_019306.1
UniProt Accession #	P53767
Molecular Weight	30.7kDa
NCBI Official Full Name	vascular endothelial growth factor receptor 1
NCBI Official Synonym Full Names	FMS-related tyrosine kinase 1
NCBI Official Symbol	Flt1
NCBI Official Synonym Symbols	VEGFR-1
NCBI Protein Information	vascular endothelial growth factor receptor 1; FLT-1; FMS-like tyrosine kinase 1; tyrosine-protein kinase receptor FLT; vascular endothelial growth factor receptor-1; Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
UniProt Protein Name	Vascular endothelial growth factor receptor 1
UniProt Gene Name	Flt1
UniProt Synonym Gene Names	Flt-1; Vegfr1; VEGFR-1; FLT-1
UniProt Entry Name	VGFR1_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/flt1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134609>