

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

Recombinant Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)

CATALOG # AAA134095	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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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	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLMDPM CLDAFPKLV FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-PEPQITW FKNNHKIQQE PALFYGQEAA RCLLKESRKR MKASITAEP TRRGPRRARH TSPCKMSSE IKADYLSIIM DPDEVPLDEQ CERLPYDASK WEFARERLKL GKSLGRGAFG KVVQASAFGI KKSPTCRTVA VKMLKEGATA SEYKALMTEL KILTHIGHHL NVVNLLGACT KQGGPLMVIV EYCKYGNLSN YLKS KRALFF INKDAALHVE PKKEKMEPDP EPGKKQRLDS VTSSSEFASS GFQEDKSLSD A
Sequence Length	588
Applicable Applications for VEGFR1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Sus scrofa; Porcine (Pig)
Expression System	Prokaryotic expression
Residues	Pro167~Ala424 (Accession # ACH73486.1) with two N-terminal Tags, His-tag and GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	8.6
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 targetprotein. 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 andprecipitation 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



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	197935904
NCBI GeneID	396763
UniProt Accession #	ACH73486
Molecular Weight	60.9kDa
NCBI Official Full Name	vascular endothelial growth factor receptor 1
NCBI Official Symbol	FLT1
NCBI Official Synonym Symbols	FLT-1; VEGFR-1
NCBI Protein Information	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor);flt-1 type VEGF receptor

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.

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Online datasheet: <https://stage.aaabiotech.com/vascular-endothelial-growth-factor-receptor-1-vegfr1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134095>