

Vascular Endothelial Growth Factor Receptor 2 (VEGFR2) Recombinant Protein | VEGFR2 recombinant protein

Recombinant Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)

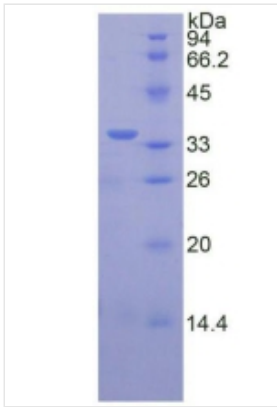
CATALOG # AAA133891	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Vascular Endothelial Growth Factor Receptor 2 (VEGFR2); Recombinant Vascular Endothelial Growth Factor Receptor 2 (VEGFR2); VEGFR2 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 sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-NT TLQITCRGQR DLDWLWPNAQ RDSEERVLVT ECGGGSIFC KLTITPRVVG NDTGAYKCSY RDVDIASTVY VYVRDYRSPF IASVSDQHGI VYITENKNKT VVIPCRGSIS NLNVSLCARY PEKRFVPDGN RISWDSEIGF TLPSYMISYA GMVFCEAKIN DETYQSIMYI VVVVGYRIYD VILSPHEIE LSAGEKLVLN CTARTELVNG LDFTWHSPPS KSHHKKIVNR DVKPFPGTVA KMFLSTLTIE SVTKSDQGEY TCVASSGRMI KRNRT
Sequence Length	1367
Applicable Applications for VEGFR2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Asn46~Thr322 (Accession # P35918) with N-terminal His-Tag
Predicted isoelectric point	7.6
Accurate Molecular Mass	35kDa as determined by SDS-PAGE reducing conditions.
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 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.



Sequence

NTTLQ
ITCRGQRDL LWPNAQRDS EERVLTTCG GGDSIFCKL TIPRVVGNDT
GAYKCSYRDV DIASTVYVYV RDYRSPFIAS VSDQHGVYI TENKNKTVVI
PCRGISNLN VSLCARYPEK RFVPDGNRIS WDSEIGFTLP SYMISYAGMV
FCEAKINDET YQSIMYIVV VGYRIYDVIL SPPHEIELSA GEKLVNCTA
RTELNVGLDF TWHSPPSKSH HKKIVNRDVK PFPGTAKMF LSTLTIESVT
KSDQGEYTCV ASSGRMIKRN RT

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	549321
NCBI GeneID	16542
UniProt Accession #	P35918; C5H7S5
Molecular Weight	32.7kDa
NCBI Official Full Name	Vascular endothelial growth factor receptor 2
NCBI Official Synonym Full Names	kinase insert domain protein receptor
NCBI Official Symbol	Kdr
NCBI Official Synonym Symbols	Flk1; Ly73; Flk-1; Krd-1; VEGFR2; VEGFR-2; sVEGFR-2; 6130401C07
NCBI Protein Information	vascular endothelial growth factor receptor 2; kinase NYK; VEGF receptor-2; fetal liver kinase 1; protein-tyrosine kinase receptor flk-1; vascular endothelial growth factor receptor-2; vascular endothelial growth factor receptor-3; vascular endothelial growth factor receptor- 2; soluble vascular endothelial growth factor receptor 2
UniProt Protein Name	Vascular endothelial growth factor receptor 2
UniProt Gene Name	Kdr
UniProt Synonym Gene Names	Flk-1; Flk1; VEGFR-2; FLK-1
UniProt Entry Name	VGFR2_MOUSE

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.