

VEGFR3/FLT4 Recombinant Protein | VEGFR3 recombinant protein

Recombinant Human VEGFR3/FLT4 Protein

CATALOG # AAA281428	HOST HEK293 cells
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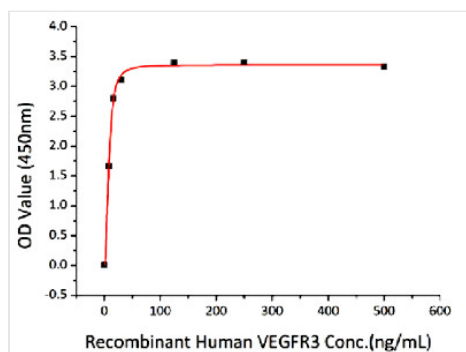
PRODUCT SYNONYMS

VEGFR3/FLT4; Recombinant Human VEGFR3/FLT4 Protein; Flt4; FLT-4; FLT41; LMPH1A; PCL; VEGFR-3; VEGFR3; VEGFR3 recombinant protein

PRODUCT SPECIFICATIONS

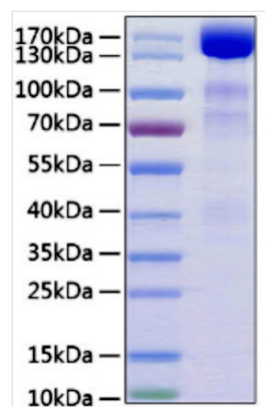
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 μM filtered solution of PBS, pH 7.4.
Sequence Length	1298
Species	Human
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Bio-Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human VEGF-C, His Tag at 0.5μg/mL (100 uL/well) can bind Recombinant Human VEGFR3, Fc Tag with a linear range of 3.92-15.70ng/mL.
Tag	C-Fc & 6×His
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Preparation and Storage	Store the lyophilized protein at -20 degree C to -80 degree C for long term. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Immobilized Recombinant Human VEGF-C, His Tag at 0.5μg/mL (100 uL/well) can bind Recombinant Human VEGFR3, Fc Tag with a linear range of 3.92-15.70ng/mL.



SDS-PAGE

Recombinant Human VEGFR3/FLT4 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing bands at 150-160 kDa, 100 kDa and 80 kDa.

ADDITIONAL INFORMATION

Related Product Information for VEGFR3 recombinant protein	Background: The protein is a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA Description: Recombinant Human VEGFR3/FLT4 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Tyr25-Ile776) of human VEGFR3/FLT4 (Accession #NP_891555.2) fused with an Fc, 6xHis tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	103472027
NCBI GeneID	2324
NCBI Accession #	NP_002011.2
NCBI GenBank Nucleotide #	NM_002020.4
UniProt Accession #	P35916; Q16067; Q86W07; Q86W08; A8K6L4; B5A926
NCBI Official Full Name	vascular endothelial growth factor receptor 3 isoform 2
NCBI Official Synonym Full Names	fms related tyrosine kinase 4
NCBI Official Symbol	FLT4
NCBI Official Synonym Symbols	PCL; FLT-4; FLT41; LMPH1A; LMPHM1; VEGFR3; VEGFR-3
NCBI Protein Information	vascular endothelial growth factor receptor 3
UniProt Protein Name	Vascular endothelial growth factor receptor 3
UniProt Gene Name	FLT4
UniProt Synonym Gene Names	VEGFR3; VEGFR-3; FLT-4

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/flt4-recombinant-protein-hek293-cells/281428>