

VEGF R1/FLT-1 Recombinant Protein | VEGFR1/FLT-1 recombinant protein

Biotinylated Human VEGF R1/FLT-1 Protein Recombinant

CATALOG #	HOST
AAA76266	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

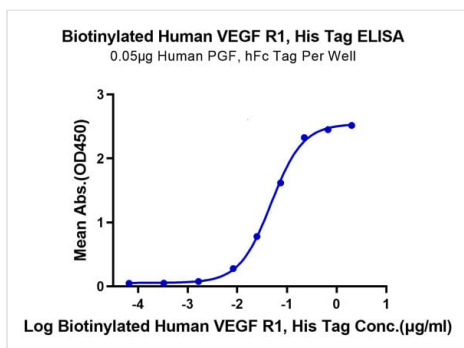
PRODUCT SYNONYMS

VEGF R1/FLT-1; Biotinylated Human VEGF R1/FLT-1 Protein Recombinant; VEGFR1/FLT-1 recombinant protein

PRODUCT SPECIFICATIONS

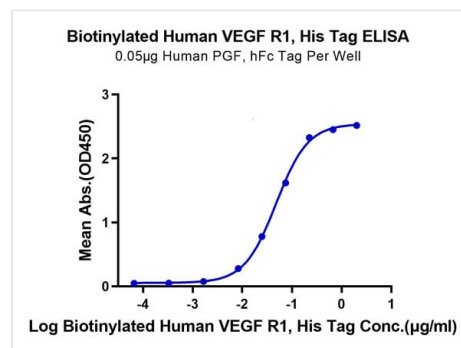
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human VEGF R1/FLT-1 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human VEGF R1/FLT-1 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Developmental-protein, Transferase, Receptor
Biological Process	Angiogenesis, Differentiation, Chemotaxis
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



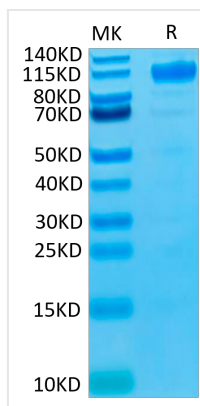
ELISA

Biotinylated Human VEGF R1/FLT-1 Protein ELISA Data: Immobilized Human PGF, hFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human VEGF R1, His Tag with the EC₅₀ of 48 ng/ml determined by ELISA.



ELISA

Biotinylated Human VEGF R1/FLT-1 Protein ELISA Data: Immobilized Human VEGF165 at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human VEGF R1, His Tag with the EC₅₀ of 26.9 ng/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human VEGF R1/FLT-1 Protein Tris-Bis PAGE Biotinylated Human VEGF R1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for VEGFR1/FLT-1 recombinant protein	Biotinylated proteins
--	-----------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	229892220
NCBI GeneID	2321
NCBI Accession #	NP_001153392.1
NCBI GenBank Nucleotide #	NM_001159920.1
UniProt Accession #	P17948; P15692 VEGFA_HUMAN; P01730 CD4_HUMAN; P09619 PGFRB_HUMAN; P49763 PLGF_HUMAN; P52584; P49767 VEGFC_HUMAN; Q9MYV3 VEGFA_CANLF
Molecular Weight	150,769 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 1 isoform 2
NCBI Official Synonym Full Names	fms-related tyrosine kinase 1
NCBI Official Symbol	FLT1
NCBI Official Synonym Symbols	FLT; FLT-1; VEGFR1; VEGFR-1
NCBI Protein Information	vascular endothelial growth factor receptor 1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular
UniProt Protein Name	Vascular endothelial growth factor receptor 1
UniProt Gene Name	FLT1
UniProt Synonym Gene Names	FLT; FRT; VEGFR1; VEGFR-1; FLT-1; FLT
UniProt Entry Name	VGFR1_HUMAN

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-hek293-cells/76266>