

VEGF121 recombinant protein

Biotinylated Human VEGF121 Protein Recombinant

CATALOG #	HOST
AAA76279	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

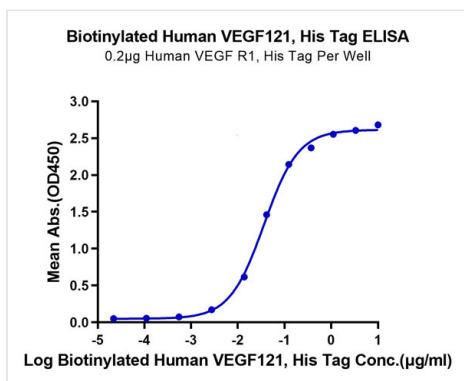
PRODUCT SYNONYMS

VEGF121; Biotinylated Human VEGF121 Protein Recombinant; VEGF121 recombinant protein

PRODUCT SPECIFICATIONS

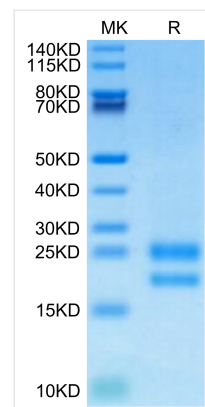
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human VEGF121 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human VEGF121 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, Growth-factor, Heparin-binding
Biological Process	Angiogenesis, Differentiation
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 VEGF121 Protein ELISA Data: Immobilized Human VEGF R1, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human VEGF121, His Tag with the EC50 of 36.5ng/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human VEGF121 Protein Tris-Bis PAGE: Biotinylated Human VEGF121 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for VEGF121 recombinant protein	Biotinylated proteins
---	-----------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	324120930
NCBI GeneID	7422
NCBI Accession #	NP_001191313.1
NCBI GenBank Nucleotide #	NM_001204384.1
UniProt Accession #	P15692; O60462 NRP2_HUMAN; P07996 TSP1_HUMAN; O14786 NRP1_HUMAN; P01730 CD4_HUMAN; P17948 VGFR1_HUMAN; P35918 VGFR2_MOUSE; P35968 VGFR2_HUMAN; P49763 PLGF_HUMAN
Molecular Weight	27,042 Da
NCBI Official Full Name	vascular endothelial growth factor A isoform q
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; MVCD1
NCBI Protein Information	vascular endothelial growth factor A; vascular permeability factor
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_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://www.aaabiotech.com/vegfa-recombinant-protein-hek293/76279>