

VEGF B Recombinant Protein | VEGFB recombinant protein

VEGF B Protein, Human, Recombinant (hFc Tag)

CATALOG #
AAA257425

HOST
HEK293 Cells

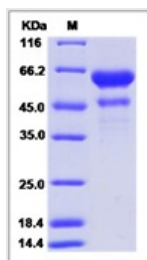
PRODUCT SYNONYMS

VEGF B; VEGF B Protein; Human; Recombinant (hFc Tag); Human VEGF-B/VEGFB Protein (Fc Tag); vascular endothelial growth factor B; VEGFL Protein; VRF Protein; VEGFB recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> (75.2+22) % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence Positions	446aa
Sequence	Pro22-Ala2 07
Species	Human
Tag	hFc
Endotoxin	<1.0EU per ug protein as determined by the LAL method
Predicted N Terminal	Glu
Protein Construction	A DNA sequence encoding the human VEGFB (NP_003368.1) (Pro22-Ala207) was expressed with the Fc region of human IgG1 at the N-terminus
Activity	Measured by its binding ability in a functional ELISA. Immobilized human S4-Fc3L3-VEGFB at 10ug/ml (100uL/well) can bind biotinylated human NRP1-Fc. The EC ₅₀ of biotinylated human NRP1-Fc (Cat:) is 0.03-0.07ug/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping: They are shipped out with blue ice pack

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for VEGFB recombinant protein	Vascular endothelial growth factor-B (VEGF-B) is closely related to VEGF-A, an effector of blood vessel growth during development and disease and a strong candidate for angiogenic therapies. In detail, VEGFB can positively prevent the Ang II-induced rising in the size of cardiomyocyte as well as reduce Ang II-induced mRNA and protein levels of beta-MHC (beta-myosin heavy chain), BNP (brain natriuretic peptide), and ANP (atrial natriuretic peptide). Moreover, VEGFB can regulate the decline of the Ang II-induced rising in Ca2+.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507887
NCBI GeneID	7423
NCBI Accession #	NP_003368.1
NCBI GenBank Nucleotide #	NM_003377.4
UniProt Accession #	P49765; Q16528
Molecular Weight	47.8 kDa
NCBI Official Full Name	vascular endothelial growth factor B isoform VEGFB-186
NCBI Official Synonym Full Names	vascular endothelial growth factor B
NCBI Official Symbol	VEGFB
NCBI Official Synonym Symbols	VRF; VEGFL
NCBI Protein Information	vascular endothelial growth factor B; VEGF-related factor
UniProt Protein Name	Vascular endothelial growth factor B
UniProt Gene Name	VEGFB
UniProt Synonym Gene Names	VRF; VEGF-B; VRF
UniProt Entry Name	VEGFB_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/vegfb-recombinant-protein-hek293-cells/257425>