

Active Recombinant Human VEGFB protein, hFc-tagged

Cat. No. VEGFB-275H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human VEGFB protein(NP_003368.1) (Pro22-Ala207) was expressed in HEK293 with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	22-207 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human S4-Fc3L3-VEGFB at 10 µg/ml (100 µL/well) can bind biotinylated human NRP1-Fc, The EC50 of biotinylated human NRP1-Fc is 0.03-0.07µg/mL.
Molecular Mass	The recombinant human VEGFB consists 446 amino acids and predicts a molecular mass of 47.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> (75.2±22) % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VEGFB vascular endothelial growth factor B [Homo sapiens]
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Official Symbol	VEGFB
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Synonyms	VEGFB; vascular endothelial growth factor B; VRF; VEGFL; VEGF-related factor;
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Gene ID	7423
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mRNA Refseq	NM_001243733
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Protein Refseq	NP_001230662
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MIM	601398
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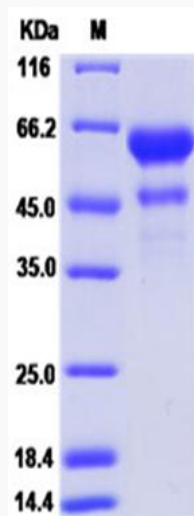
UniProt ID	P49765
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SDS-PAGE



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