

## Active Recombinant Human VEGFB protein, hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-207 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The recombinant human VEGFB consists 446 amino acids and predicts a molecular mass of 47.8 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> (75.2+22) % as determined by SDS-PAGE.
<b>Storage</b>	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

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

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