

## Active Recombinant Human VEGFB

Cat. No. VEGFB-202H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VEGFB (Accession # AAA91463) Pro22-Arg188 was produced in E. coli-derived.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	22-188 a.a.
<b>Predicted N Terminal</b>	Pro22
<b>Form</b>	Supplied as a 0.2 µm filtered solution in Acetonitrile and TFA.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized rrNeuropilin-1/Fc Chimera at 4 µg/mL (100 µl/well) can bind rhVEGF-B167 with a linear range of 0.3 - 20 ng/mL.
<b>Molecular Mass</b>	Recombinant Human VEGFB has a calculated MW of 19 kDa (monomer).
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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
<b>Chromosome Location</b>	11q13

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