

Active Recombinant Human VEGFB

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

SPECIFICATION

Product Overview	Recombinant Human VEGFB (Accession # AAA91463) Pro22-Arg188 was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	22-188 a.a.
Predicted N Terminal	Pro22
Form	Supplied as a 0.2 µm filtered solution in Acetonitrile and TFA.
Bio-activity	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.
Molecular Mass	Recombinant Human VEGFB has a calculated MW of 19 kDa (monomer).
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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).

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GENE INFORMATION

Gene Name	VEGFB vascular endothelial growth factor B [Homo sapiens]
Official Symbol	VEGFB
Synonyms	VEGFB; vascular endothelial growth factor B; VRF; VEGFL; VEGF-related factor;
Gene ID	7423
mRNA Refseq	NM_001243733
Protein Refseq	NP_001230662
MIM	601398
UniProt ID	P49765
Chromosome Location	11q13

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