Recombinant Human VEGFB Protein (22-207 aa), His-tagged

Cat. No. VEGFB-1554H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFB Protein (22-207 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	22-207 aa
Description	Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis.
Form	Tris-based buffer,50% glycerol
Molecular Mass	21.4 kDa
AA Sequence	PVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQ RCGGCCPDDGLECVPTGQHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKKDS AVKPDRAATPHHRPQPRSVPGWDSAPGAPSPADITHPTPAPGPSAHAAPSTTSALT PGPAAAAADAAASSVAKGGA
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

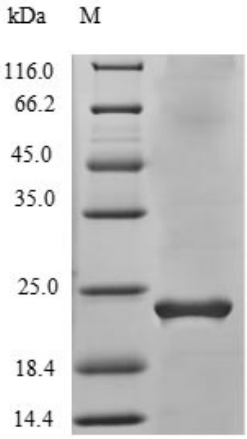
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	centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

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

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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