

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

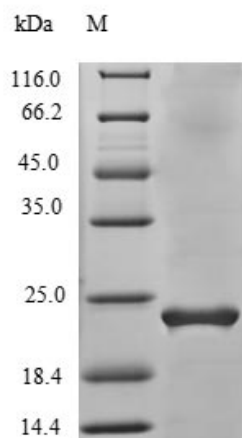
UniProt ID

P49765

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

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