

Recombinant Human VEGFB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VEGFB-1952H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VEGFB MS Standard C13 and N15-labeled recombinant protein (NP_003368) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the PDGF (platelet-derived growth factor)/VEGF (vascular endothelial growth factor) family. The VEGF family members regulate the formation of blood vessels and are involved in endothelial cell physiology. This member is a ligand for VEGFR-1 (vascular endothelial growth factor receptor 1) and NRP-1 (neuropilin-1). Studies in mice showed that this gene was co-expressed with nuclear-encoded mitochondrial genes and the encoded protein specifically controlled endothelial uptake of fatty acids. Alternatively spliced transcript variants encoding distinct isoforms have been identified.
Molecular Mass	21.6 kDa
AA Sequence	MSPLLRRLLLAALLQLAPAQAPVSQPDAPGHQRKVVSVIDVYTRATCQPREVVVPL TVELMGTVAKQLVPSCVTQRCGGCCPDDGLECVPTGQHQQVVMQILMIRYPSSQL GEMSLEEHSQCECRPKKKDSAVKPDRAATPHHRPQPRSVPGWDSAPGAPSPADIT HPTPAPGPSAHAAPSTTSALTPGPAAAAADAAASSVAKGGATRTRPLEQKLISEEDL AANDILDYKDDDDKV

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

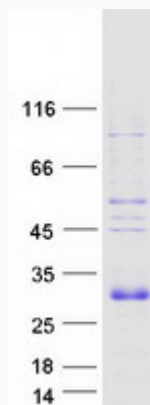
GENE INFORMATION

Gene Name	VEGFB vascular endothelial growth factor B [Homo sapiens (human)]
Official Symbol	VEGFB
Synonyms	VEGFB; vascular endothelial growth factor B; VRF; VEGFL; VEGF-related factor;
Gene ID	7423
mRNA Refseq	NM_003377
Protein Refseq	NP_003368
MIM	601398
UniProt ID	P49765

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SDS-PAGE

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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