

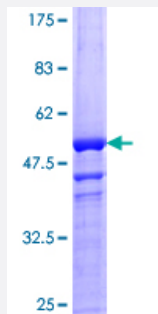
Full-Length

VEGFB (Human) Recombinant Protein (P01)

Catalog # H00007423-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human VEGFB full-length ORF (AAH08818.1, 1 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSPLLRRLLLAALLQLAPAQAPVSQPDAPGHQKVVSWIDVYTRATCQPREVVVPLTVELMGTV
AKQLVPSCVTVQRCGGCCPDDGLECVPTGQHQVRMQLMIRYPSSQLGEMSLEEHSQCECRPK
KKDSAVKPDRAATPHHRPQPRSVPGWDSAPGAPSPADITHPTAPGPSAHAAPSTTSALTPGP
AAAAADAAASSVAKGGA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

48.51

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — VEGFB

Entrez GeneID [7423](#)

GeneBank Accession# [BC008818](#)

Protein Accession# [AAH08818.1](#)

Gene Name VEGFB

Gene Alias VEGFL, VRF

Gene Description vascular endothelial growth factor B

Omim ID [601398](#)

Gene Ontology [Hyperlink](#)

Other Designations -

Publication Reference

- [A PGC1- \$\alpha\$ -dependent myokine that drives brown-fat-like development of white fat and thermogenesis.](#)

Boström P, Wu J, Jedrychowski MP, Korde A, Ye L, Lo JC, Rasbach KA, Boström EA, Choi JH, Long JZ, Kajimura S, Zingaretti MC, Vind BF, Tu H, Cinti S, Højlund K, Gygi SP, Spiegelman BM.

Nature 2012 Jan; 481(7382):463.

Application: Treatment, Mouse, SVF cells

Pathway

- [Bladder cancer](#)
- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)
- [mTOR signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hypertrophy](#)
- [Lymphedema](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)