

Recombinant Human VEGFB Protein

Catalog No.: RP01118 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	7423	P49765

Tags

N-Fc

Synonyms

Vascular endothelial growth factor B;
VEGF-B; VEGF-related factor; VRF

Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is 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.

Basic Information

Description

Recombinant Human VEGFB Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Pro22-Ala207) of human VEGFB (Accession #P49765) fused with an Fc tag at the N-terminus.

Bio-Activity

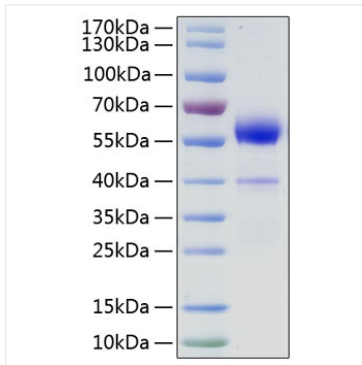
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant Human VEGFB Protein was determined by SDS-PAGE with Coomassie Blue, showing two bands at 40&60 kDa.