VEGFC (Human) Recombinant Protein

Catalog # P9323 Size 2 x 10 ug

Specification

Product Description	Human VEGFC partial recombinant proteind with His tag in C-terminus expressed in Baculovirus cells.
Sequence	ADPAHYNTEILKSIDNEWRKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSYLSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRHHHHHH
Host	Viruses
Theoretical MW (kDa)	14.2
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) containing 1X PBS, pH 7.4, 20% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — VEGFC

Entrez GeneID	7424
Protein Accession#	P49767

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Name	VEGFC
Gene Alias	Flt4-L, VRP
Gene Description	vascular endothelial growth factor C
Omim ID	601528
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family, is active in angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-3 receptors. Only the fully processed form can bind and activate VEGFR-2 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor D. [provided by RefSeq
Other Designations	FLT4 ligand DHM|vascular endothelial growth factor-related protein

Pathway

- Bladder cancer
- Cytokine-cytokine receptor interaction
- Focal adhesion
- mTOR signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Renal cell carcinoma

Disease

- Angina Pectoris
- Anoxia
- Cardiovascular Diseases
- Chorioamnionitis
- Coronary Disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Diabetes Mellitus
- Edema
- Femur Head Necrosis
- Fetal Membranes
- Genetic Predisposition to Disease
- Lymphedema
- Myocardial Infarction
- Obstetric Labor
- Osteonecrosis
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.