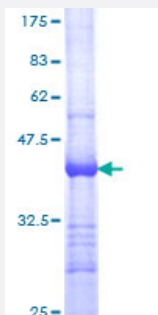


VEGFC (Human) Recombinant Protein (Q01)

Catalog # H00007424-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VEGFC partial ORF (NP_005420, 112 a.a. - 227 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AHYNTEILKSIDNEWRKTCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMN TSTSYLSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.5
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — VEGFC

Entrez GeneID [7424](#)

GeneBank Accession# [NM_005429](#)

Protein Accession# [NP_005420](#)

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](#)
- [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](#)