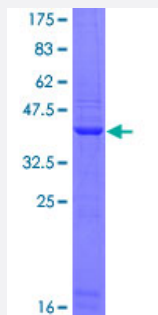


FLT4 (Human) Recombinant Protein (Q01)

Catalog # H00002324-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FLT4 partial ORF (NP_002011, 34 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ITEESHVIDTGDLSISCRGQHPLWAWPGAQEAPATGDKDSEDGTVVRDCEGTDARPYCKVLL LHEVHANDTGSYVCYYKYIKARIEGTTAASSYVFVR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (84)
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 — FLT4

Entrez GeneID	2324
GeneBank Accession#	NM_002020
Protein Accession#	NP_002011
Gene Name	FLT4
Gene Alias	FLT41, LMPH1A, PCL, VEGFR3
Gene Description	fms-related tyrosine kinase 4
Omim ID	136352 153100 602089
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA. [provided by RefSeq]
Other Designations	soluble VEGFR3 variant 1 soluble VEGFR3 variant 2 soluble VEGFR3 variant 3 vascular endothelial growth factor receptor 3

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)

Disease

- [Breast cancer](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Chylothorax](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphangiectasis](#)
- [Lymphedema](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)