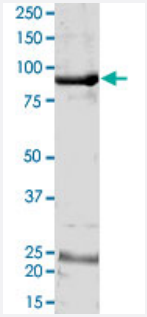
Bioactive

FLT4 (Human) Recombinant Protein

Catalog # P4794 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human FLT4 (NM_002020, 799 a.a. - 1298 a.a.) partial Recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	85.565
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	GST-Affinity Chromatography
Concentration	0.151 ug/uL

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Activity	58 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5 (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — FLT4

Entrez GeneID	2324
Protein Accession#	NM_002020
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

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- 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

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