Recombinant Human FLT4

Cat. No. FLT4-31720TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human soluble Vascular Endothelial Growth Factor Receptor 3 (sVEGFR 3) was fused with the Fc part of human IgG1. The recombinant mature sVEGFR 3/Fc is a disulfide-linked homodimeric protein. The sVEGFR 3/Fc monomers have a mass of approximatel
Species	Human
Description	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.
Tissue specificity	Placenta, lung, heart, and kidney, does not seem to be expressed in pancreas and brain.
Form	Lyophilised:Reconstituted in PBS or medium to a concentration not lower than 100 μg/ml.
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneBuffer: None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.Contains 7 Ig-like C2-type (immunoglobulin-like) domains.Contains 1 protein kinase domain.

GENE INFORMATION

Gene Name	FLT4 fms-related tyrosine kinase 4 [Homo sapiens]
Official Symbol	FLT4
Synonyms	FLT4; fms-related tyrosine kinase 4; vascular endothelial growth factor receptor 3; PCL; VEGFR3;
Gene ID	2324
mRNA Refseq	NM_002020
Protein Refseq	NP_002011
MIM	136352
Uniprot ID	P35916
Chromosome Location	5q34-q35
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Signal Transduction, organism-specific biosystem;

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Function	ATP binding; growth factor binding; nucleotide binding; protein binding; protein phosphatase binding;

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