

Recombinant Human FLT4 Protein, Fc/His-tagged

Cat. No. FLT4-2055H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFR3/FLT4 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Tyr25-Ile776) of human VEGFR3/FLT4 (Accession #NP_891555.2) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Tyr25-Ile776
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.
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90% as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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; FLT-4; VEGFR-3; soluble VEGFR3 variant 1; soluble VEGFR3 variant 2; soluble VEGFR3 variant 3; fms-like tyrosine kinase 4; tyrosine-protein kinase receptor FLT4; FLT41; LMPH1A;

Gene ID [2324](#)

mRNA Refseq [NM_002020](#)

Protein Refseq [NP_002011](#)

MIM [136352](#)

UniProt ID [P35916](#)

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