

Active Recombinant Human FLT4 protein, hFc&His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human FLT4 protein(Tyr25-Ile776), fused with C-terminal hFc and His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-776 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human VEGF-C at 0.5 µg/mL (100 µL/well) can bind Recombinant Human VEGFR3 with a linear range of 3.92-15.70 ng/mL.
Molecular Mass	111.32 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

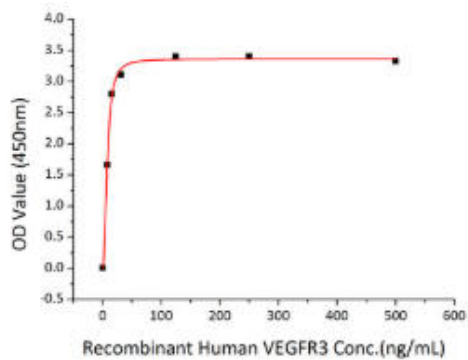
UniProt ID [P35916](#)

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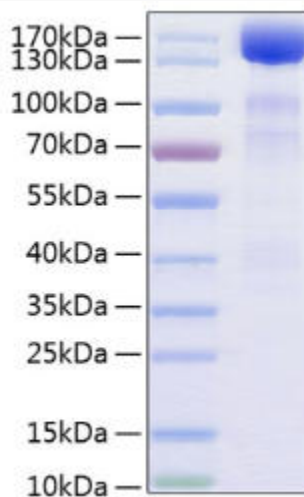
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Activity



SDS-PAGE



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