

Active Recombinant Human FLT4 protein, His-Avi-tagged, Biotinylated

Cat. No. FLT4-8117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FLT4 protein(Tyr 25 - Ile 776), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Tyr 25 - Ile 776
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human VEGF-C, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human VEGF R3, His,Avitag with a linear range of 2-31 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 88.2 kDa. The protein migrates as 115-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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.

Conjugation

Biotin

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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