

Active Recombinant Mouse FLT4 protein, mFc-tagged

Cat. No. FLT4-391M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse FLT4 protein(Tyr 25 - Asp 770), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Tyr 25 - Asp 770
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Bio-activity	Immobilized Human VEGF-C, His Tag at 5 µg/mL (100 µL/well) can bind Mouse VEGF R3 Protein, Mouse IgG2a Fc Tag with a linear range of 1-10 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus.The protein has a calculated MW of 111.5 kDa. The protein migrates as 116-125 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 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.

GENE INFORMATION

Gene Name

Flt4 FMS-like tyrosine kinase 4 [Mus musculus]

Official Symbol

FLT4

Synonyms

FLT4; FMS-like tyrosine kinase 4; vascular endothelial growth factor receptor 3; chylous ascites; receptor protein tyrosine kinase; tyrosine-protein kinase receptor FLT4; vascular endothelial growth factor receptor-3; Chy; Flt-4; VEGFR3; VEGFR-3; AI323512;

Gene ID

14257

mRNA Refseq

NM_008029

Protein Refseq

NP_032055

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