

Active Recombinant Mouse Flt1 Protein, Fc-tagged

Cat. No. Flt1-1786M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Flt1(Ser27-Glu759) fused with Fc region of Mouse IgG2A at C-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ser27-Glu759
Predicted N Terminal	Ser27
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit the VEGF-dependent proliferation of HUVEC human umbilical vein endothelial cells. The ED50 for this effect is 5-30 ng/mL.
Molecular Mass	Predicted Molecular Mass: 109.6 kDa (monomer); SDS-PAGE: 130-150 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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12 months from date of receipt, -20 to -70 centigrade as supplied.
 1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name [Flt1 FMS-like tyrosine kinase 1 \[Mus musculus \]](#)

Official Symbol [Flt1](#)

Synonyms FLT1; FMS-like tyrosine kinase 1; vascular endothelial growth factor receptor 1; embryonic receptor kinase 2; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; vascular endothelial growth factor receptor-1; Flt-1; sFlt1; VEGFR1; VEGFR-1; AI323757;

Gene ID [14254](#)

mRNA Refseq [NM_010228](#)

Protein Refseq [NP_034358](#)

UniProt ID [P35969](#)

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