

Active Recombinant Mouse Flt1 Protein, Fc-tagged

Cat. No. Flt1-1785M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Flt1 protein (Ser27-Glu759) with mouse IgG2A (Glu98-Lys330) tag at C-terminus was expressed in Mouse myeloma cell line.
Species	Mouse
Source	Mammalian Cells
ProteinLength	27-759 a.a.
Description	Biased expression in placenta adult (RPKM 35.7), lung adult (RPKM 11.8) and 11 other tissues.
Form	Lyophilized
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	109.6 kDa (monomer)
Endotoxin	<0.10 EU per 1 g 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.

Storage Buffer Lyophilized from a 0.2 µ filtered solution in PBS.

Reconstitution Reconstitute at 100 µ/mL in PBS.

Shipping The product is shipped at ambient temperature.

GENE INFORMATION

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

Official Symbol [Flt1](#)

Synonyms Flt1; FMS-like tyrosine kinase 1; Flt-1; sFlt1; VEGFR1; VEGFR-1; AI323757; vascular endothelial growth factor receptor 1; embryonic receptor kinase 2; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; EC 2.7.10.1

Gene ID [14254](#)

mRNA Refseq [NM_010228](#)

Protein Refseq [NP_034358](#)

UniProt ID [P35969](#)

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