

## Active Recombinant Mouse Flt1 Protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Flt1 protein (Ser27-Glu759) with mouse IgG2A (Glu98-Lys330) tag at C-terminus was expressed in Mouse myeloma cell line.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	27-759 a.a.
<b>Description</b>	Biased expression in placenta adult (RPKM 35.7), lung adult (RPKM 11.8) and 11 other tissues.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	109.6 kDa (monomer)
<b>Endotoxin</b>	<0.10 EU per 1 g of the protein by the LAL method.
<b>Purity</b>	> 95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining
<b>Storage</b>	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 µg/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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