

## Active Recombinant Mouse Flt1 Protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Flt1(Ser27-Glu759) fused with Fc region of Mouse IgG2A at C-terminal was expressed in NS0.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ser27-Glu759
<b>Predicted N Terminal</b>	Ser27
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<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>	Predicted Molecular Mass: 109.6 kDa (monomer); SDS-PAGE: 130-150 kDa, reducing conditions.
<b>Endotoxin</b>	<0.10 EU per 1 µg 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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