

# Recombinant Mouse Flt4 Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Flt4-282MAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant Mouse Flt4 (P35917-1) extracellular domain (Met 1-Glu 775), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	762
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The secreted recombinant mouse FLT4 consists of 762 amino acids and has a predicted molecular mass of 86.4 kDa. The apparent molecular mass of rm FLT4 is approximately 95-105 kDa due to glycosylation in non-reduced SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	Flt4 FMS-like tyrosine kinase 4 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Flt4
<b>Gene ID</b>	14257
<b>mRNA Refseq</b>	NM_008029
<b>Protein Refseq</b>	NP_032055

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