

Recombinant Mouse Flt4 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Flt4-281MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant Mouse Flt4 (P35917-1) extracellular domain (Met 1-Glu 775), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Mouse

Source HEK293


ProteinLength 9922

Form Lyophilized


Molecular Mass The secreted recombinant mouse FLT4/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 992 amino acids and has a predicted molecular mass of 112 kDa. As a result of glycosylation and proteolytic cleavage, rm FLT4/Fc monomer migrates as three bands (150, 85, 65 kDa) corresponding to the full length and the cleaved two polypeptides respectively in SDS-PAGE under reducing conditions.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
 Labeled with Alexa Fluor 555 via amines
 With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

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efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Storage

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.

Storage Buffer

Lyophilized from sterile PBS, pH 7.4

Reconstitution

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.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

[Flt4 FMS-like tyrosine kinase 4 \[Mus musculus \]](#)

Official Symbol

[Flt4](#)

Gene ID

[14257](#)

mRNA Refseq

[NM_008029](#)

Protein Refseq

[NP_032055](#)

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