

Recombinant Mouse Fgfr1 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Fgfr1-4015MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant Mouse Fgfr1 (P16092-1) extracellular domain (Met 1-Glu 376), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Mouse

Source HEK293

ProteinLength 596

Form Lyophilized

Molecular Mass The secreted recombinant mouse FGFR1/Fc is a disulfide-linked homodimer. The reduced monomer consists of 596 amino acids and has a calculated molecular mass of 66.5 kDa. The apparent molecular mass of rmFGFR1/Fc monomer is approximately 100-110 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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 efficiently excited using a 543 nm He-Ne laser line and detected under standard

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	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	Fgfr1 fibroblast growth factor receptor 1 [Mus musculus]
Official Symbol	Fgfr1
Gene ID	14182
mRNA Refseq	NM_001079908
Protein Refseq	NP_001073377

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