

Recombinant Mouse Fgfr1 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. Fgfr1-4015MAF488 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 488 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 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |

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| 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 488 |
| 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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