

# Recombinant Mouse Fgfr1 Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Fgfr1-2291MAF647    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 647 conjugated recombinant Mouse Fgfr1 (NP\_473412.1) precursor extracellular domain (Met 1-Pro 374), fused with a C-terminal polyhistidine tag, was produced in Human Cell.

**Species**      Mouse

**Source**      HEK293

**ProteinLength**      365

**Form**      Lyophilized

**Molecular Mass**      The secreted recombinant mouse FGFR1 consists of 365 amino acids and has a calculated molecular mass of 40.4 kDa. The apparent molecular mass of rmFGFR1 is approximately 55-60 kDa 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 647 via amines  
Excitation = 650 nm  
Emission = 668 nm

**Stability**      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>	<a href="#">Fgfr1 fibroblast growth factor receptor-like 1 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Fgfr1</a>
<b>Gene ID</b>	<a href="#">116701</a>
<b>mRNA Refseq</b>	<a href="#">NM_001164259</a>
<b>Protein Refseq</b>	<a href="#">NP_001157731</a>

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