

## Recombinant Mouse Fgfr2 protein(Met1-Glu263), hFc-tagged

**Cat. No.** Fgfr2-501M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse FGFR2 (AAA39377.1) (Met1-Glu263) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Glu263
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to inhibit FGF-acidic dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.4-2.4 ng/mL
<b>Molecular Mass</b>	The recombinant mouse FGFR2 comprises 483 amino acids and has a predicted molecular mass of 54.1 kDa. The apparent molecular mass of the protein is approximately 89.9 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

Fgfr2 fibroblast growth factor receptor 2 [ *Mus musculus* ]

**Official Symbol**

Fgfr2

**Synonyms**

FGFR2; fibroblast growth factor receptor 2; keratinocyte growth factor receptor; Bek; svs; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRT<sub>r</sub>; AU043015; AW556123; MGC102519;

**Gene ID**

14183

**mRNA Refseq**

NM\_010207

**Protein Refseq**

NP\_034337

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