

## Active Recombinant Mouse FGFR2 protein, His-tagged

**Cat. No.** FGFR2-1007M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse FGFR2 protein(Pro 39 - Leu 243), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Pro39-Leu243
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Mouse FGFR2 (IIIb), His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human FGF basic, Avitag,His Tag with a linear range of 0.039-0.625 µg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 24.8 kDa. The protein migrates as 40-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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; KGFRTTr; AU043015; AW556123; MGC102519;

**Gene ID** [14183](#)

**mRNA Refseq** [NM\\_010207](#)

**Protein Refseq** [NP\\_034337](#)

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