

## Active Recombinant Mouse Fgfr1 Protein, Fc Chimera

**Cat. No.** Fgfr1-800M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Fgfr1 (Accession # NP_473412), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ala21
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. 200 ng/mL of biotinylated rmFGF1 is mixed with serially diluted rmFGF R5/Fc. Following incubation, the FGF R5 - FGF1/biotin complex is captured on a Streptavidin coated plate. Bound FGF R5 is measured using Rt x mFGF R5 followed by HRP labeled Gt x Rat IgG. The concentration of rmFGF R5/Fc that produces 50% of the optimal binding was found to be approximately 30 - 120 ng/mL.
<b>Molecular Mass</b>	Recombinant Mouse Fgfr1, Fc Chimera has a calculated MW of 65.6 kDa (monomer). In SDS-PAGE migrates as 85-95 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	Fgfr1 fibroblast growth factor receptor-like 1 [ Mus musculus ]
<b>Official Symbol</b>	Fgfr1
<b>Synonyms</b>	FGFRL1; fibroblast growth factor receptor-like 1; FGFR-5; FGF receptor-like protein 1; fibroblast growth factor receptor 5; FGFR5; FGFR5beta; FGFR5gamma;
<b>Gene ID</b>	116701
<b>mRNA Refseq</b>	NM_001164259
<b>Protein Refseq</b>	NP_001157731
<b>MIM</b>	

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