

## Active Recombinant Mouse Fgfr2, Fc Chimera

Cat. No. Fgfr2-368M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Fgfr2 (Accession # AAI72174) was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
<b>Species</b>	Mouse
<b>Source</b>	Sf21 Cells
<b>Predicted N Terminal</b>	Arg41
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to inhibit FGF acidic-dependent proliferation of NR6R-3T3 mouse fibroblast cells. The ED50 for this effect is typically 0.5 - 2 ng/mL.
<b>Molecular Mass</b>	Recombinant Mouse Fgfr2, Fc Chimera has a calculated MW of 56 kDa (monomer). In SDS-PAGE migrates as 74 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 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	Fgfr2 fibroblast growth factor receptor 2 [ Mus musculus ]
<b>Official Symbol</b>	Fgfr2
<b>Synonyms</b>	FGFR2; fibroblast growth factor receptor 2; keratinocyte growth factor receptor; Bek; sv5; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRT; AU043015; AW556123; MGC102519;
<b>Gene ID</b>	14183
<b>mRNA Refseq</b>	NM_010207
<b>Protein Refseq</b>	NP_034337
<b>MIM</b>	

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