

Active Recombinant Mouse Fgfr4 protein, His&hFc-tagged

Cat. No. Fgfr4-710M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgfr4 protein(NP_032037.2)(Met1-Asp366), fused with His and hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asp366
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit FGF acidic (aFGF / FGF1) dependent proliferation of Balb/c3T3 mouse embryonic fibroblasts .The ED50 for this effect is typically 0.1-0.6 µg/mL.
Molecular Mass	The recombinant mouse FGFR4/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 598 amino acids and has a predicted molecular mass of 67 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm FGFR4/Fc monomer is approximately 100-110 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 95 % as determined by SDS-PAGE
Storage	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 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	Fgfr4 fibroblast growth factor receptor 4 [Mus musculus]
Official Symbol	Fgfr4
Synonyms	FGFR4; fibroblast growth factor receptor 4; CTLA-2-beta protein; protein-tyrosine kinase receptor MPK-11; fibroblast growth factor receptor 4 16 minus form; Fgfr-4;
Gene ID	14186
mRNA Refseq	NM_008011
Protein Refseq	NP_032037

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