

Active Recombinant Mouse Fgfr1 Protein, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Mouse Fgfr1 (Accession # NP_473412), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Ala21
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Fgfr1, Fc Chimera has a calculated MW of 65.6 kDa (monomer). In SDS-PAGE migrates as 85-95 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

Gene Name	Fgfrl1 fibroblast growth factor receptor-like 1 [Mus musculus]
Official Symbol	Fgfrl1
Synonyms	FGFRL1; fibroblast growth factor receptor-like 1; FGFR-5; FGF receptor-like protein 1; fibroblast growth factor receptor 5; FGFR5; FGFR5beta; FGFR5gamma;
Gene ID	116701
mRNA Refseq	NM_001164259
Protein Refseq	NP_001157731
MIM	

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