

Active Recombinant Mouse Fgfr2, Fc Chimera

Cat. No. Fgfr2-427M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgfr2 (Accession # ABL89196) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Arg22, Ser24, and Leu27
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 R2 alpha (IIIb)/Fc. Following incubation, the FGF R2 alpha (IIIb)/Fc - FGF1/biotin complex is captured on a Streptavidin coated plate. Bound FGF R2 alpha (IIIb)/Fc is measured using HRP labeled Gt x Human IgG Fc. The concentration of rmFGF R2 alpha (IIIb)/Fc that produces 50% of the optimal binding was found to be approximately 150 - 600 ng/mL.
Molecular Mass	Recombinant Mouse Fgfr2, Fc Chimera has a calculated MW of 66.2 kDa (monomer). In SDS-PAGE migrates as 105-120 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	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; KGFRT _r ; AU043015; AW556123; MGC102519;
Gene ID	14183
mRNA Refseq	NM_010207
Protein Refseq	NP_034337
MIM	

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