Active Recombinant Cynomolgus FGFR3 protein, hFc-tagged

Cat. No. FGFR3-204C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus FGFR3 protein(XP_001101108.1)(Met1-Gly375), fused with hFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Gly375
Form	Lyophilized from sterile PBS, pH 7.4.Please 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 dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 2-12 ng/mL.
Molecular Mass	The recombinant cynomolgus FGFR3 is a disulfide-linked homodimer. The reduced monomer comprises 594 amino acids and has a calculated molecular mass of 65.1 KDa. The apparent molecular mass of the protein is approximately 99.9 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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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.

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