

Active Recombinant Rhesus FGFR1 protein, hFc-tagged

Cat. No. FGFR1-8817C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus FGFR1 protein(NP_001253576.1)(Met1-Tyr283), fused with hFc tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Tyr283
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. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	1. Immobilized humen FGF10 at 10 µg/ml (100 µl/well) can bind Rhesus FGFR1-Fc with a linear range of 31.25-2000 ng/mL.2. Measured by its ability to inhibit FGF-acidic dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.1-0.6 ng/mL
Molecular Mass	The recombinant rhesus FGFR1 comprises 503 amino acids and has a calculated molecular mass of 56.2 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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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