

Active Recombinant Rhesus FGFR4 protein, Fc-tagged

Cat. No. FGFR4-8839C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus FGFR4(Met1-Asp369) fused with the Fc region of human IgG1 at the C-terminus was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Asp369
Predicted N Terminal	Leu 22
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA.1. Immobilized human FGF18-His (Cat: 13206-H08H) at 10 µg/ml (100 µl/well) can bind cynoFGFR4-Fc (Cat: 90134-C02H) with a linear range of 0.25-2.0 µg/ml.2. Immobilized human FGF basic (Cat: 10014-HNAE) at 10 µg/ml (100 µl/well) can bind cynoFGFR4-Fc (Cat: 90134-C02H) with a linear range of 0.03-0.25 µg/ml.
Molecular Mass	The recombinant rhesus FGFR4 comprises 589 amino acids and has a calculated molecular mass of 65.6 KDa.
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
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	FGFR4 fibroblast growth factor receptor 4 [<i>Macaca mulatta</i>]
Official Symbol	FGFR4
Synonyms	fibroblast growth factor receptor 4
Gene ID	698494
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	

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**Chromosome
Location**

chromosome: 6

Pathway

Endocytosis, organism-specific biosystem; Rap1 signaling pathway, conserved biosystem; Signaling pathways regulating pluripotency of stem cells, organism-specific biosystem

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