

Active Recombinant Human FGFR2 protein, hFc-tagged

Cat. No. FGFR2-2149H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGFR2 protein(NP_001138385.1)(Met1-Glu378), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Glu378
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. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	1. Measured by its ability to inhibit FGF-acidic dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.5-4 ng/mL. 2. Measured by its ability to bind recombinant Fc-FGF10 in a functional ELISA.
Molecular Mass	The recombinant human FGFR2(alpha(IIIb)) consists 595 amino acids and predicts a molecular mass of 66.3 kDa.
Endotoxin	< 1.0 EU per µg 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.

GENE INFORMATION

Gene Name [FGFR2 fibroblast growth factor receptor 2 \[Homo sapiens \]](#)

Official Symbol [FGFR2](#)

Synonyms FGFR2; fibroblast growth factor receptor 2; bacteria expressed kinase , BEK, CFD1, craniofacial dysostosis 1 , Jackson Weiss syndrome , JWS, keratinocyte growth factor receptor , KGFR; CD332; CEK3; Crouzon syndrome; ECT1; K SAM; Pfeiffer syndrome; TK14; TK25; FGFR-2; FGF receptor; soluble FGFR4 variant 4; bacteria-expressed kinase; hydroxyaryl-protein kinase; keratinocyte growth factor receptor; BEK fibroblast growth factor receptor; protein tyrosine kinase, receptor like 14; BEK; JWS; CFD1; KGFR; BFR-1; K-SAM; FLJ98662;

Gene ID [2263](#)

mRNA Refseq [NM_000141](#)

Protein Refseq [NP_000132](#)

MIM [176943](#)

UniProt ID [P21802](#)

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