

Active Recombinant Human FGFR2 protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. FGFR2-050HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FGFR2 protein(P21802-3)(22-378 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-378 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human FGFR2 alpha (IIIb), His-Avi Tag at 0.5µg/ml (100µl/Well) on streptavidin (5µg/ml) precoated plate. Dose response curve for Anti-FGFR2 (IIIb) Antibody, hFc Tag with the EC50 of 2.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 42.5 kDa. Due to glycosylation, the protein migrates to 70-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

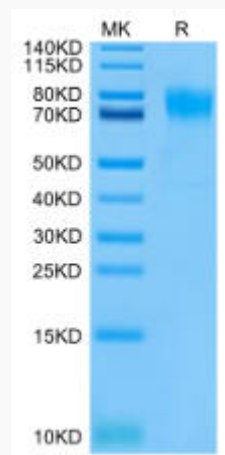
UniProt ID [P21802](#)

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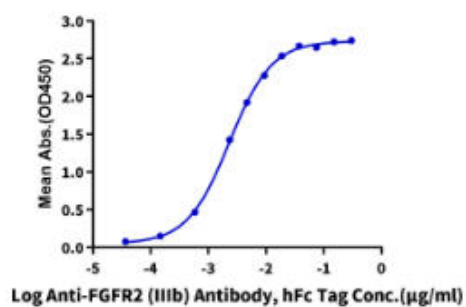
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Bis-Tris PAGE



ELISA Data

Biotinylated Human FGFR2 alpha (IIb), His-Avi Tag ELISA
0.05µg Biotinylated Human FGFR2 alpha (IIb), His-Avi Tag Per Well



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