

Active Recombinant Human FGFR2 protein, Fc-tagged

Cat. No. FGFR2-4408H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FGFR2 protein(IIIb)(P21802-3)(Pro253-Glu378) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	253-378 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human FGFR2 beta (IIIb) Domain, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-FGFR2 (IIIb) Antibody, hFc Tag with the EC50 30.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.5 kDa. Due to glycosylation, the protein migrates to 60-68 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 24 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.

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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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