

## Recombinant Human FGFR2 protein, His-Avi-tagged, Biotinylated

**Cat. No.** FGFR2-094H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human FGFR2 protein(P21802-1)(Arg152-Glu377), fused with C-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Arg152-Glu377
<b>Tag</b>	C-His-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human FGF basic, No Tag at 5ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Human FGFR2 beta (IIIc), His Tag with the EC50 of 1.25ug/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 28.2 kDa. Due to glycosylation, the protein migrates to 48-60 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ]
<b>Official Symbol</b>	FGFR2
<b>Synonyms</b>	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;
<b>Gene ID</b>	2263
<b>mRNA Refseq</b>	NM_000141
<b>Protein Refseq</b>	NP_000132
<b>MIM</b>	176943

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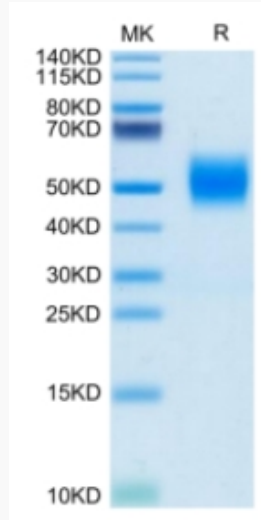
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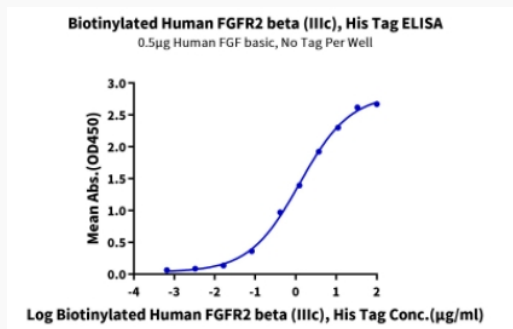
UniProt ID

P21802

Tris-Bis PAGE



ELISA Data



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