

Recombinant Human FGFR3 protein, His-Avi-tagged, Biotinylated

Cat. No. FGFR3-093HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FGFR3 protein(P22607-2)(Asp127-Gly375), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp127-Gly375
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human FGFR3 beta (IIIb) , His Tag at 0.5ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Anti-FGFR3 Antibody, hFc Tag with the EC50 of 2.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 30.5 kDa. Due to glycosylation, the protein migrates to 40-55 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	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.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

Gene Name	FGFR3 fibroblast growth factor receptor 3 [Homo sapiens]
Official Symbol	FGFR3
Synonyms	FGFR3; fibroblast growth factor receptor 3; ACH, achondroplasia, thanatophoric dwarfism; CD333; CEK2; JTK4; FGFR-3; tyrosine kinase JTK4; hydroxyaryl-protein kinase; ACH; HSFGR3EX;
Gene ID	2261
mRNA Refseq	NM_000142
Protein Refseq	NP_000133
MIM	134934
UniProt ID	P22607

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