

Active Recombinant Human FGFR3 protein, His-Avi-tagged, Low Endotoxin

Cat. No. FGFR3-607H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGFR3 protein(P22607-1)(23-375 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-375 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human FGFR3 alpha (IIIc) at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-FGFR3 Antibody, hFc Tag with the EC50 of 4.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.1 kDa. Due to glycosylation, the protein migrates to 60-70 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
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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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 [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](#)

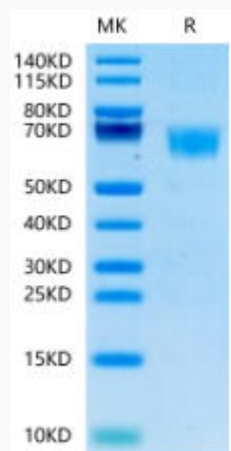
UniProt ID [P22607](#)

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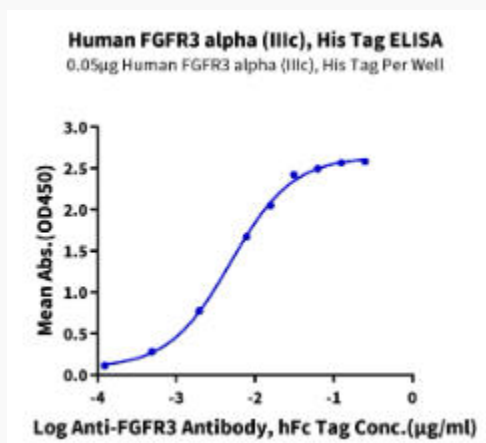
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Bis-Tris PAGE



ELISA Data



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