

Recombinant Human FGFR3 Protein, His-tagged, HPLC-verified

Cat. No. FGFR3-752H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGFR3 Protein(NP_000133.1) (Met1-Gly375) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-375 a.a.
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human FGFR3 consists of 364 amino acids and predicts a molecular mass of 39.6 kDa. It migrates as an approximately 64.3 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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; HSGFR3EX;
Gene ID	2261
mRNA Refseq	NM_000142
Protein Refseq	NP_000133
MIM	134934
UniProt ID	P22607

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