

Recombinant Human FGFR3 Protein, His-tagged

Cat. No. FGFR3-780H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FGFR3(alpha(IIIb)) (NP_001156685.1) (Met1-Gly377) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-377 a.a.
Predicted N Terminal	Glu 23
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human FGFR3(alpha(IIIb)) consists 366 amino acids and predicts a molecular mass of 40 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

Chromosome Location 4p16.3

Pathway

Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Downstream signaling of activated FGFR, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; FGFR ligand binding and activation, organism-specific biosystem;

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