

Recombinant Human FGFR3 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. FGFR3-779HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human FGFR3(alpha(IIIb)) (NP_001156685.1) (Met1-Gly377) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	593
Form	Lyophilized
Molecular Mass	65.3 kDa
N-terminal Sequence Analysis	Glu 23
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

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efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Storage

Store it under sterile conditions at -20 to 70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

Conjugation

Alexa Fluor 555

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](#)

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MIM	134934
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UniProt ID	P22607
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