

# Recombinant Human FGFR3 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** FGFR3-779HAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant human FGFR3(alpha(IIIb)) (NP_001156685.1) (Met1-Gly377) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	593
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	65.3 kDa
<b>N-terminal Sequence Analysis</b>	Glu 23
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm

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	Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

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

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<b>MIM</b>	134934
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<b>UniProt ID</b>	P22607
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