# Recombinant Human FGFR3 Protein, His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** FGFR3-752HAF488 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Alexa Fluor 488 conjugated recombinant human FGFR3 (NP_000133.1) (Met1-Gly375) was expressed with a polyhistidine tag at the C-terminus. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | 364 |
| **Form** | Lyophilized |
| **Molecular Mass** | 39.6 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<br>Labeled with Alexa Fluor 488 via amines<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm |

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| **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 488 |

## GENE INFORMATION

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| **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; HSFGFR3EX; |
| **Gene ID** | 2261 |
| **mRNA Refseq** | NM_000142 |
| **Protein Refseq** | NP_000133 |
| **MIM** | 134934 |

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| **UniProt ID** | P22607 |

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