

Recombinant Human FGFR4 Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

Cat. No. FGFR4-707HAF647 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 647 conjugated recombinant human FGFR4 precursor extracellular domain (Met 1-Asp 369) (NP_002002.3), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 595 |
| Form | Lyophilized |
| Molecular Mass | The recombinant human FGFR4/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 595 amino acids and has a predicted molecular mass of 66 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh FGFR4/Fc monomer is approximately 100-110 kDa due to glycosylation. |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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 |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | Alexa Fluor 647 |

GENE INFORMATION

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| Gene Name | FGFR4 fibroblast growth factor receptor 4 [Homo sapiens] |
| Official Symbol | FGFR4 |
| Gene ID | 2264 |
| mRNA Refseq | NM_002011 |
| Protein Refseq | NP_002002 |
| MIM | 134935 |
| UniProt ID | P22455 |

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