

# Recombinant Human FGFR2 Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** FGFR2-776HAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                                     |  |
|-------------------------------------|--|
| <b>Product Overview</b>             | Alexa Fluor 647 conjugated recombinant human FGFR2 (beta(IIIc)) (NP_001138387.1) (Met1-Glu288) was expressed with a polyhistidine tag at the C-terminus. |
| <b>Species</b>                      | Human  |
| <b>Source</b>                       | HEK293   |
| <b>ProteinLength</b>                | 278  |
| <b>Form</b>                         | Lyophilized  |
| <b>Molecular Mass</b>               | 31.2 kDa   |
| <b>N-terminal Sequence Analysis</b> | Arg 22   |
| <b>Endotoxin</b>                    | < 1.0 EU/ µg of the protein as determined by the LAL method.   |
| <b>Purity</b>                       | > 90 % as determined by SDS-PAGE   |
| <b>Characteristic</b>               | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>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>       | FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ]   |
| <b>Official Symbol</b> | FGFR2  |
| <b>Synonyms</b>        | FGFR2; fibroblast growth factor receptor 2; bacteria expressed kinase , BEK, CFD1, craniofacial dysostosis 1 , Jackson Weiss syndrome , JWS, keratinocyte growth factor receptor , KGFR; CD332; CEK3; Crouzon syndrome; ECT1; K SAM; Pfeiffer syndrome; TK14; TK25; FGFR-2; FGF receptor; soluble FGFR4 variant 4; bacteria-expressed kinase; hydroxyaryl-protein kinase; keratinocyte growth factor receptor; BEK fibroblast growth factor receptor; protein tyrosine kinase, receptor like 14; BEK; JWS; CFD1; KGFR; BFR-1; K-SAM; FLJ98662; |
| <b>Gene ID</b>         | 2263   |

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|----------------|-----------|
| mRNA Refseq    | NM_000141 |
| Protein Refseq | NP_000132 |
| MIM            | 176943    |
| UniProt ID     | P21802    |

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