

# Recombinant Human FGFR2 Protein, His/GST-tagged, FITC conjugated

**Cat. No.** FGFR2-7303HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FITC conjugated recombinant human FGFR2 (NP_000132.3) cytoplasmic domain (Met 400-Thr 821), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.                   |
| <b>Species</b>          | Human                                                                                                                                                                                                           |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 659                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | The recombinant human FGFR2 (aa 400-821) /GST chimera consists of 659 amino acids and predicts a molecular mass of 75.7 kDa. It migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                    |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 535 nm                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4, 10% gly                                                                                     |
| <b>Reconstitution</b> | 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. |
| <b>Conjugation</b>    | FITC                                                                                                                                                                      |

## GENE INFORMATION

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>Gene Name</b>       | FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ] |
| <b>Official Symbol</b> | FGFR2                                                      |
| <b>Gene ID</b>         | 2263                                                       |
| <b>mRNA Refseq</b>     | NM_000141                                                  |
| <b>Protein Refseq</b>  | NP_000132                                                  |
| <b>MIM</b>             | 176943                                                     |
| <b>UniProt ID</b>      | P21802                                                     |

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