# Recombinant Human FGFR2 protein(IIIb), His-Avi-tagged

**Cat. No.** FGFR2-056H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human FGFR2 beta (IIIb) Protein is expressed from mammalian with a His tag and Avi Tag at the C-terminal. It contains Arg22 - Glu289. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | It contains Arg22 - Glu289. |
| **Description** | Four distinct genes encoding closely related FGF receptors, FGF R1 - 4, are known. All four genes for FGF Rs encode proteins with an N-terminal signal peptide, three immunoglobulin (Ig)-like domains, an acid-box region containing a run of acidic residues between the IgI and IgII domains, a transmembrane domain and the split tyrosine-kinase domain. Multiple forms of FGF R1 - 3 are generated by alternative splicing of the mRNAs. A frequent splicing event involving FGF R1 and 2 results in receptors containing all three Ig domains, referred to as the alpha isoform, or only IgII and IgIII, referred to as the beta isoform. |
| **Form** | Supplied as 0. 22um filtered solution in 20mM PBS,pH7. 4. |
| **Molecular Mass** | The protein has a predicted MW of 32. 7 kDa. Due to glycosylation, the protein migrates to 50-70 KDa based on Bis-Tris PAGE result. |
| **Endotoxin** | Less than 0. 05 EU per ug by the LAL method. |

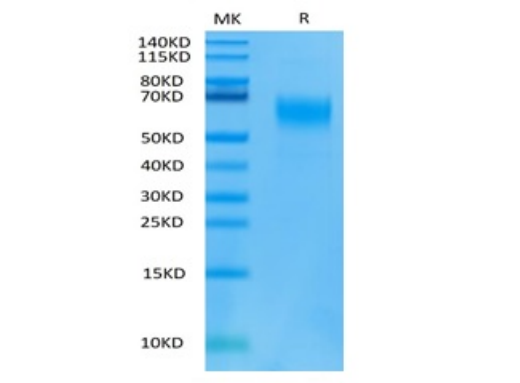
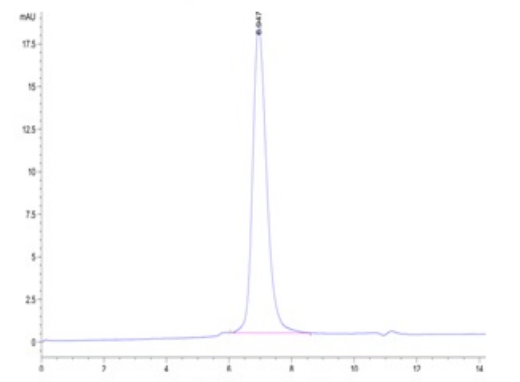
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| **Purity** | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC |
| **Storage** | The product should be stored at -70°C. Please do not repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ] |
| **Official Symbol** | FGFR2 |
| **Synonyms** | FGF R2b; FGFR2 beta;KGFR;CD332;Keratinocyte growth factor receptor |
| **Gene ID** | 2263 |
| **mRNA Refseq** | NM_000141 |
| **Protein Refseq** | NP_000132 |
| **MIM** | 176943 |
| **UniProt ID** | P21802 |

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| **Tris-Bis PAGE** |   |
| **HPLC data** |  |

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