

# Active Recombinant Human FGFR3 protein, hFc&His-tagged

**Cat. No.** FGFR3-2668H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FGFR-3/CD333 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Glu23-Gly375) of human FGFR3/CD333 (Accession #NP_000133.1) fused with an Fc, 6×His tag at the C-terminus. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Glu23-Gly375                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                              |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human FGF1 at 5 µg/mL (100 µL/well) can bind Recombinant Human FGFR3 with a linear range of 0.5-1.5 µg/mL.                                                 |
| <b>Molecular Mass</b>   | 95-105 kDa                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                                 |
| <b>Purity</b>           | > 90% by SDS-PAGE.                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store the lyophilized protein at -20°C to -80 °C for long term.<br>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for                                                                             |

 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

up to 1 week.

**Reconstitution** Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## GENE INFORMATION

**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; HSFGR3EX;

**Gene ID** 2261

**mRNA Refseq** NM\_000142

**Protein Refseq** NP\_000133

**MIM** 134934

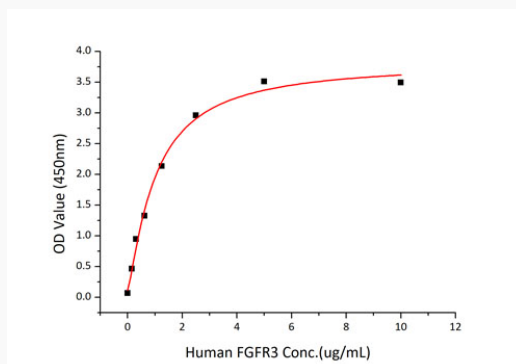
**UniProt ID** P22607

 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

## Bio-activity



## SDS-PAGE

