

## Recombinant Human FGFR1 protein, His-tagged

**Cat. No.** FGFR1-2915H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | Recombinant Human FGFR1 protein(P11362)(22-376aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 22-376aa                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                |
| <b>Molecular Mass</b>   | 43.4 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | RPSPTLPEQAQPWGAPVEVESFLVHPGDLLQLRCRLRDDVQSINWLRDGVQLAES<br>NRTRITGEEVEVQDSVPADSGLYACVTSSPSGSDTTYFSVNVSDALPSSSEDDDDDD<br>DSSSEEKETDNTKPNRMPVAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSGTPNPTL<br>RWLKNGKEFKPDHRIGGYKVRYATWSIIMDSVVPSDKGNYTCIVENEYGSINHTYQL<br>DVVERSPHRPILQAGLPANKTVALGSNVEFMCKVYSDPQPHIQWLKHIEVNGSKIGP<br>DNLPLYVQILKTAGVNTTDDKEMEVLHLRNVSFEDAGEYTCLAGNSIGLSHHSAWLTVL<br>EAL EERPAVMTSPLYLE |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                         |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.                                                                                                                                                                                          |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>        | FGFR1 fibroblast growth factor receptor 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b>  | FGFR1                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | FGFR1; fibroblast growth factor receptor 1; FLT2, fms related tyrosine kinase 2 , KAL2; BFGFR; CD331; CEK; FLG; H2; H3; H4; H5; N SAM; Pfeiffer syndrome; FGFR1/PLAG1 fusion; proto-oncogene c-Fgr; FMS-like tyrosine kinase 2; hydroxyaryl-protein kinase; fms-related tyrosine kinase 2; heparin-binding growth factor receptor; basic fibroblast growth factor receptor 1; OGD; FLT2; KAL2; FGFBR; FLT-2; HBGFR; N-SAM; FGFR-1; bFGF-R-1; FLJ99988; |
| <b>Gene ID</b>          | 2260                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>      | NM_001174063                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_001167534                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>              | 136350                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>       | P11362                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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