

# Recombinant Human FGFR1 protein, Flag-tagged, Biotinylated

Cat. No. FGFR1-45H    Lot. No. (See product label)

## SPECIFICATION

|                  |                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human FGFR1, cytoplasmic domain [396-820(end) amino acids of accession number NP_056934.2] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated. |
| Species          | Human                                                                                                                                                                                       |
| Source           | Insect Cells                                                                                                                                                                                |
| ProteinLength    | 396-820 a.a.                                                                                                                                                                                |
| Form             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                    |
| Molecular Mass   | 52 kDa                                                                                                                                                                                      |
| Purity           | >90% as determined by SDS-PAGE and CBB staining                                                                                                                                             |
| Storage          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                    |
| Conjugation      | Biotin                                                                                                                                                                                      |

## GENE INFORMATION

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Gene Name       | FGFR1 fibroblast growth factor receptor 1 [ Homo sapiens ] |
| Official Symbol | FGFR1                                                      |

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| <b>Synonyms</b>            | FGFR1; BFGFR; CD331; CEK; FLG; H2; H3; H4; H5; N SAM; OGD; FLT2; KAL2; FGFR; FLT-2; HBGFR; N-SAM; FGFR-1; bFGF-R-1                                                                                                                                                                                                                                                             |
| <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                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 8p12                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Pathway</b>             | Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Downstream signaling of activated FGFR, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem;       |
| <b>Function</b>            | ATP binding; fibroblast growth factor 1 binding; fibroblast growth factor binding; fibroblast growth factor-activated receptor activity; fibroblast growth factor-activated receptor activity; heparin binding; nucleotide binding; protein binding; protein homodimerization activity; protein tyrosine kinase activity; protein tyrosine kinase activity; receptor activity; |