# Recombinant Human FGFR1 (FLT2) (N-GST tag)

**Cat No:HR2R1420**

For research use only

## Overview

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|---|---|
| Quantity | 10 ?g |
| Gene Symbol | FGFR1 |
| Gene ID | N/A |
| Accession | NM_023110 |
| Alternative Name | CEK; FLG; FLT2; KAL2; BFGFR; CD331; FGFBR; HBGFR; N-SAM; C-FGR |
| Species | Human |
| Source | Insect cells |
| Description | FGFR1 (also known as FLT2) is a member of the Fibroblast Growth Factor Receptor family that constitute a family of four membrane-spanning tyrosine kinases (FGFR1-4) which serve as high-affinity receptors for 17 growth factors (FGF1-17). The FGF Receptor family plays an important role in multiple biological processes, including mesoderm induction and patterning, cell growth and migration, organ formation and bone growth . FGFR1 is alternatively spliced generating multiple splice variants that are differentially expressed during embryo development and in the adult body . |
| Functions | The specific activity of FGFR1 was determined to be 177 nmol /min/mg as per activity assay protocol. |
| Formulation | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol. |
| Solubility | N/A |
| Appearance | Liquid |
| Molecular Weight | 73 |
| Purity | 70% - 90% |
| Concentration | |
| Shipping Condition | Dry Ice |
| Storage Condition | Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. |