

Recombinant Human FGFR1, GST-tagged, Active

Cat. No. FGFR1-312H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FGFR1 (399-822) was expressed by baculovirus in <i>Sf9 insect cell</i> using an N-terminal GST tag. MW=73kDa.
Species	Human
Source	Sf9 Cells
Protein Length	399-822 a.a.
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.
Sequence	399-822.
Applications	Kinase Assay, Western Blot.
Storage And Stability	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.

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GENE INFORMATION

Gene Name	FGFR1 fibroblast growth factor receptor 1 [Homo sapiens]
Synonyms	FGFR1; fibroblast growth factor receptor 1; CEK; FLG; OGD; FLT2; KAL2; BFGFR; CD331; FGFBR; HBGFR; N-SAM; FLJ99988; fms-related tyrosine kinase 2; H2; H3; H4; H5; N-SAM; CD331; Pfeiffer syndrome; FGFR-1; bFGF-R; EC 2.7.10.1; Fms-like tyrosine kinase 2; c-fgr; CD_antigen; OTTHUMP00000190881; soluble FGFR1 variant 1; FMS-like tyrosine kinase 2; hydroxyaryl-protein kinase; heparin-binding growth factor receptor; basic fibroblast growth factor receptor 1; OTTHUMP00000190874; OTTHUMP00000190878; OTTHUMP00000190879; c-fgr; soluble FGFR1 variant 2
Gene ID	2260
mRNA Refseq	NM_015850
Protein Refseq	NP_056934
MIM	136350
UniProt ID	P11362
Chromosome Location	8p11.2-p11.1
Pathway	MAPK signaling pathway; MAPK signaling pathway; Melanoma; Pathways in cancer; Prostate cancer; Regulation of actin cytoskeleton; Axon guidance; Signaling by FGFR
Function	ATP binding; fibroblast growth factor receptor activity; fibroblast growth factor receptor activity; heparin binding; nucleotide binding; protein binding; receptor activity;

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transferase activity

PDB rendering based
on 1agw.



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