

Recombinant Human FGFR2, GST-tagged, Active

Cat. No. FGFR2-314H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FGFR2 (285-end) was expressed by baculovirus in <i>Sf9</i> cell using an N-terminal GST tag. MW=72 kDa.
Species	Human
Source	Sf9 Cells
Protein Length	285-end a.a.
Description	<p>FGFR2 is a member of the fibroblast growth factor receptor family which play a role in mitogenesis and differentiation. FGFR2 is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, and mutations in FGFR2 are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis. FGFR2 is required for early postimplantation development between implantation and the formation of the egg cylinder. FGFR2 contributes to the outgrowth, differentiation, and maintenance of the inner cell mass.</p>
Sequence	285-end.
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	FGFR2 fibroblast growth factor receptor 2 [Homo sapiens]
Synonyms	FGFR2; fibroblast growth factor receptor 2; BEK; JWS; CEK3; CFD1; ECT1; KGFR; TK14; TK25; BFR-1; CD332; K-SAM; FLJ98662; FGF receptor; OTTHUMP00000020624; OTTHUMP00000020626; soluble FGFR4 variant 4; bacteria-expressed kinase; hydroxyaryl-protein kinase; keratinocyte growth factor receptor; BEK fibroblast growth factor receptor; protein tyrosine kinase, receptor like 14; EC 2.7.10.1; craniofacial dysostosis 1; Jackson-Weiss syndrome; Crouzon syndrome; Pfeiffer syndrome; FGFR-2; CD_antigen; CD332; Keratinocyte growth factor receptor 2; KSAM; OTTHUMP00000020621; OTTHUMP00000020629; FGF receptor
Gene ID	2263
mRNA Refseq	NM_000141
Protein Refseq	NP_000132
UniProt ID	P21802
Chromosome Location	10q26
MIM	176943
Pathway	Endocytosis; MAPK signaling pathway; Pathways in cancer; Prostate cancer; Regulation of actin cytoskeleton; Signaling by FGFR
Function	ATP binding; fibroblast growth factor receptor activity; heparin binding; nucleotide

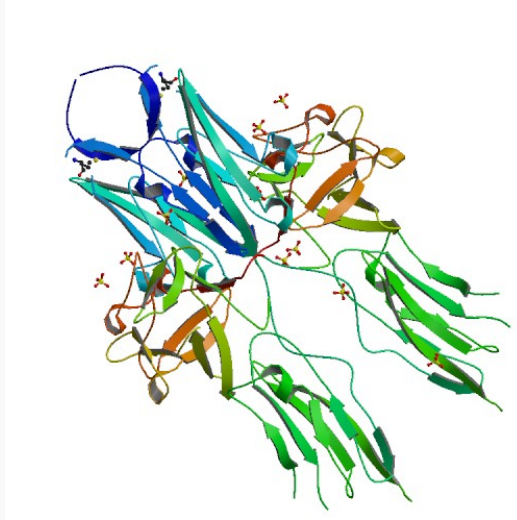
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binding; protein binding; receptor activity; transferase activity

PDB rendering based
on 1djs.



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