

Recombinant Human FGFR2 Protein, His-tagged

Cat. No. FGFR2-778H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FGFR2-alpha(IIIb) (NP_075259.4) (Met1-Glu378) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-378 a.a.
Predicted N Terminal	Arg 22
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human FGFR2-alpha(IIIb) consists 368 amino acids and predicts a molecular mass of 41.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [FGFR2 fibroblast growth factor receptor 2 \[Homo sapiens \]](#)

Official Symbol [FGFR2](#)

Synonyms FGFR2; fibroblast growth factor receptor 2; bacteria expressed kinase , BEK, CFD1, craniofacial dysostosis 1 , Jackson Weiss syndrome , JWS, keratinocyte growth factor receptor , KGFR; CD332; CEK3; Crouzon syndrome; ECT1; K SAM; Pfeiffer syndrome; TK14; TK25; FGFR-2; FGF receptor; 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; BEK; JWS; CFD1; KGFR; BFR-1; K-SAM; FLJ98662;

Gene ID [2263](#)

mRNA Refseq [NM_000141](#)

Protein Refseq [NP_000132](#)

MIM [176943](#)

UniProt ID [P21802](#)

Chromosome Location 10q25.3-q26

Pathway Angiogenesis, organism-specific biosystem; Downstream signaling of activated

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FGFR, organism-specific biosystem; Endocytosis, organism-specific biosystem;
Endocytosis, conserved biosystem; FGF signaling pathway, organism-specific
biosystem; FGFR ligand binding and activation, organism-specific biosystem; FGFR2
ligand binding and activation, organism-specific biosystem;

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