

## Active Recombinant Human FGFR4 protein, His-tagged

Cat. No. FGFR4-3845H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human FGFR4 protein(Met 1-Asp 369)(NP_002002.3) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-369 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its ability to inhibit FGF acidic dependent proliferation of Balb/C 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.1-0.3 µg/ml.
<b>Molecular Mass</b>	The secreted recombinant human FGFR4 consists of 359 amino acids and has a predicted molecular mass of 40 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh FGFR4 is approximately 60 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** FGFR4 fibroblast growth factor receptor 4 [ Homo sapiens ]

**Official Symbol** FGFR4

**Synonyms** FGFR4; fibroblast growth factor receptor 4; CD334; JTK2; FGFR-4; tyrosylprotein kinase; protein-tyrosine kinase; hydroxyaryl-protein kinase; tyrosine kinase related to fibroblast growth factor receptor; TKF; MGC20292;

**Gene ID** 2264

**mRNA Refseq** NM\_002011

**Protein Refseq** NP\_002002

**MIM** 134935

**UniProt ID** P22455

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