

Active Recombinant Human FGFR4 protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-369 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	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

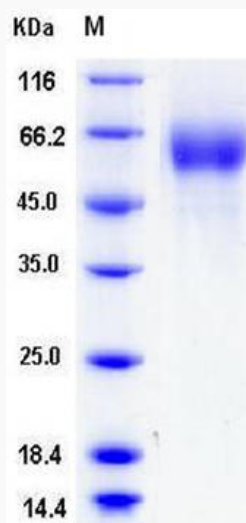
MIM 134935

UniProt ID P22455

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SDS-PAGE

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