

Active Recombinant Human FGFR4 protein, hFc&His-tagged

Cat. No. FGFR4-2660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FGFR4 protein(NP_998812.1)(Leu22-Asp369) is expressed in HEK293, fused with an Fc, 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	22-369 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized recombinant human FGF2 at 1 µg/mL (100 µL/well) can bind recombinant human FGFR4 with a linear range of 30-125 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized recombinant human FGFR4 at 5 µg/mL (100 µL/well) can bind recombinant human FGF12 with a linear range of 35-100 ng/mL. 3. Measured by its ability to inhibit FGF-acidic dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.03-0.12 ng/mL.
Molecular Mass	65.30 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.

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Storage Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Reconstitution Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

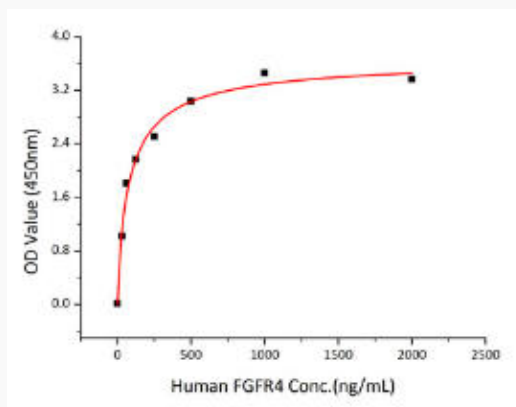
UniProt ID [P22455](#)

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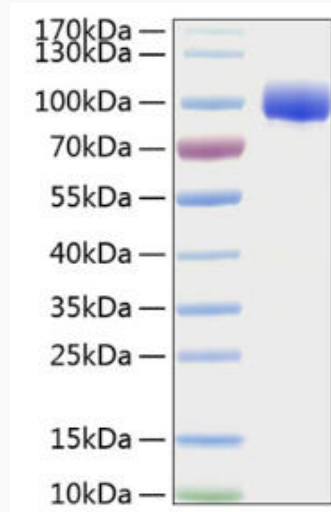
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Activity



SDS-PAGE



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