

Recombinant Human FGFR4 protein, hFc-tagged

Cat. No. FGFR4-141H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGFR4 protein(P22455)(Leu22-Asp369), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu22-Asp369
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Human FGFR4, hFc Tag captured on CM5 Chip via Protein A can bind Human Beta Klotho, His Tag with an affinity constant of 13.05 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 65.3 kDa. Due to glycosylation, the protein migrates to 80-95 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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

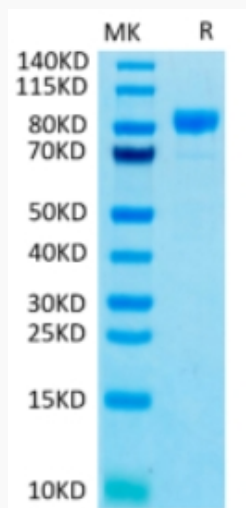
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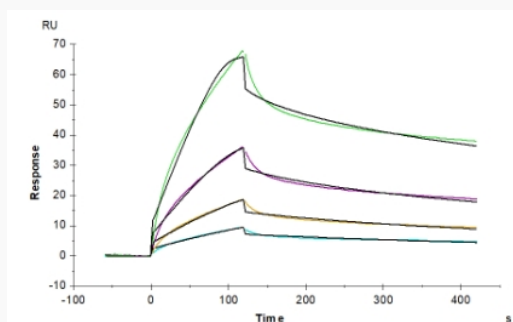
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Tris-Bis PAGE



SPR Data



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