

## Recombinant Human FGFR1 protein, Fc-tagged

Cat. No. FGFR1-381H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FGFR1 protein (Ala25-Pro378), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	354
<b>Description</b>	Fibroblast growth factor receptor 5 (FGFR-5) is also known as Fibroblast growth factor receptor-like 1 (FGFR1), FGF homologous factor receptor (FHFR), is a single-pass type I membrane protein. FGFR1/FGFR5 contains three Ig-like C2-type (immunoglobulin-like) domains. FGFR-5 is expressed preferentially in cartilaginous tissues and pancreas and highly expressed in the liver, kidney, heart, brain and skeletal muscle. FGFR1/FGFR5 has a negative effect on cell proliferation. FGFR5 interacts with FGF2 with a low affinity.
<b>Form</b>	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
<b>Molecular Mass</b>	The protein has a calculated MW of 65.5 kDa. The protein migrates as 85-95 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per ug by the LAL method.

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<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	<p>For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20 centigrade to -70 centigrade for 12 months in lyophilized state;          -70 centigrade for 3 months under sterile conditions after reconstitution.</p>
<b>Reconstitution</b>	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.

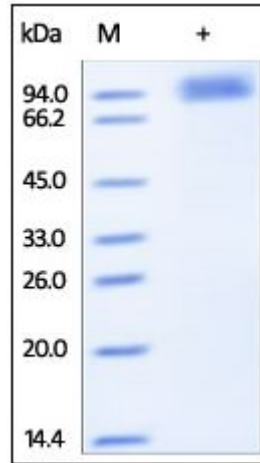
## GENE INFORMATION

<b>Gene Name</b>	FGFRL1
<b>Official Symbol</b>	FGFRL1
<b>Synonyms</b>	FGFRL1; fibroblast growth factor receptor-like 1; FGFR-5; FGFR-like protein; FGF receptor-like protein 1; FGF homologous factor receptor; fibroblast growth factor receptor 5; FHFR; FGFR5
<b>Gene ID</b>	53834
<b>mRNA Refseq</b>	NM_001004356
<b>Protein Refseq</b>	NP_001004356
<b>MIM</b>	605830
<b>UniProt ID</b>	Q8N441

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**SDS-PAGE of  
FGFRL1-381H**

Human FGFR5, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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