Recombinant Human FGFRL1 protein, Fc-tagged

Cat. No. FGFRL1-381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGFRL1 protein (Ala25-Pro378), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	354
Description	Fibroblast growth factor receptor 5 (FGFR-5) is also known as Fibroblast growth factor receptor-like 1 (FGFRL1), FGF homologous factor receptor (FHFR), is a single-pass type I membrane protein. FGFRL1/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. FGFRL1/FGFR5 has a negative effect on cell proliferation. FGFR5 interacts with FGF2 with a low affinity.
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per ug by the LAL method.

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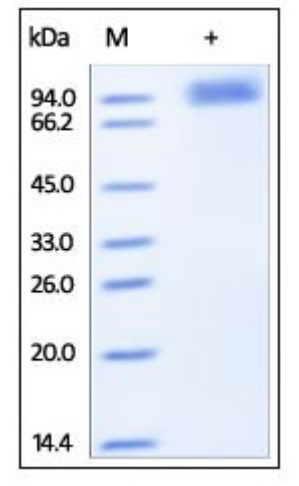
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20 centigrade to -70 centigrade for 12 months in lyophilized state; -70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

GENE INFORMATION

Gene Name	FGFRL1
Official Symbol	FGFRL1
Synonyms	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
Gene ID	53834
mRNA Refseq	NM_001004356
Protein Refseq	NP_001004356
MIM	605830
UniProt ID	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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