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Datasheet for ABIN7520015 FGFRL1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	FGFRL1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGFRL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FGFR-5/FGFRL1 Protein
Sequence:	ARGPPKMADK VVPRQVARLG RTVRLQCPVE GDPPPLTMWT KDGRTHSGW SRFRVLPQGL KVKQVEREDA GVVYCKATNG FGSLSVNYTL VVLDDISPGK ESLGPDSSSG GQEDPASQQW ARPRFTQPSK MRRRVIARPV GSSVRLKCVA SGHPRPDITW MKDDQALTRP EAAEPRKKKW TSLKLNLRPE DSGKYTCRVS NRAGAINATY KVDVIQRTRS KPVLGTGHPV NTTVDFGGTT SFQCKVRS DV KPVIQWLKRV EYGAEGRHNS TIDVGGQKFV VLPTGDVWSR PDGSYLNKLL ITRARQDDAG MYICLGANTM GYSFRSAFLT VLPDPKPPGP PVASSSSATS LPWP
Specificity:	Ala25-Pro378
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

Target Details

Target:	FGFRL1
Alternative Name:	FGFR-5/FGFRL1 (FGFRL1 Products)
Background:	<p>Description: Fibroblast growth factor receptor-like 1 (FGFRL1) also known as Fibroblast growth factor receptor 5 (FGFR5), is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. A unique feature of FGFRL1/FGFR5 is that it does not contain an intracellular tyrosine kinase domain. Some muscle types, including the muscles of the tongue and the diaphragm, express FGFRL1/FGFR5 at relatively high level.</p> <p>Name: FGF homologous factor receptor,FGF R5,FGF receptor-like protein 1,FGFR5,FGFR-5,FGFRL1,FGFR-like protein,FHFR,Fibroblast growth factor receptor 5,fibroblast growth factor receptor-like 1,FGFRL1</p>
Gene ID:	53834
UniProt:	Q8N441
Pathways:	RTK Signaling

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial 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.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1

week.