

Recombinant Human FGFR5/FGFRL1 Protein (His Tag)



Catalog Number:PKSH032427

Note: Centrifuge before opening to ensure complete recovery of vial contents.

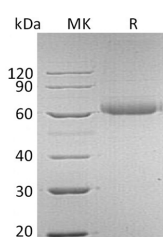
Description

Synonyms	Fibroblast Growth Factor Receptor-Like 1;FGF Receptor-Like Protein 1;FGF Homologous Factor Receptor;FGFR-Like Protein;Fibroblast Growth Factor Receptor 5;FGFR-5;FGFRL1;FGFR5;FHFR
Species	Human
Expression Host	HEK293 Cells
Sequence	Ala25-Pro378
Accession	Q8N441
Calculated Molecular Weight	39.9 kDa
Observed molecular weight	65 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Fibroblast Growth Factor Receptor-Like 1 (FGFRL1) is a single-pass type I membrane protein that belongs to the FGF receptor family. The mature human FGFRL1 consists of a 354 amino acid extracellular domain (ECD) with 3 Ig-like C2-type domains, a 21 amino acid transmembrane segment, and a 134 amino acid cytoplasmic domain. FGFR1 expressed in various tissues, preferentially in cartilaginous tissues and pancreas. It highly expressed in the liver, kidney, heart, brain and skeletal muscle, weakly expressed in the lung, small intestine and spleen. FGFRL1 has a negative effect on cell

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proliferation.

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