Recombinant Human FGFRL1 (C-6His)
Catalog No: C520

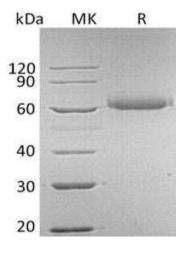|	
Description	Recombinant Human Fibroblast Growth Factor Receptor-Like 1 is produced by our Mammalian expression system and the target gene encoding Ala25-Pro378 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Fibroblast Growth Factor Receptor-Like 1; FGF Receptor-Like Protein 1; FGF Homologous Factor Receptor; FGFR-Like Protein; Fibroblast Growth Factor Receptor 5; FGFR-5; FGFRL1; FGFR5; FHFR
Accession No.	Q8N441
Predicted Molecular Weight	39.9kDa
AP Molecular Weight	65kDa, reducing conditions.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Quality Control	Bioactivity Immobilized Human FGFb (Cat#C046) at 2µg/ml (100 µl/well) can bind Human FGFRL1-His (Cat#C520). The ED50 of Human FGFRL1-His (Cat#C520) is 0.05-0.3 µg/ml. Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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 proliferation.
SDS-Page	

MK: Marker

R: Sample under reducing conditions