

## 32-7472: Recombinant Human FGF R5/FGFRL1 (C-6His)

**Gene :** FGFR1  
**Gene ID :** 53834  
**Uniprot ID :** Q8N441

### Description

Source: Human Cells.  
MW :39.9kD.

Recombinant Human FGFRL1 is produced by our Mammalian expression system and the target gene encoding Ala25-Pro378 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.  
**Storage condition :** 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.  
**Amino Acid :** ARGPPKMADKVVPRQVARLGRVRLQCPVEGDPPLMTMWDKGRTHSGWSRFRVLPQGLKVKQVEREDAG VYVCKATNGFGSLSVNYTLVVLDDISPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSV RLKCVASGHPRPDITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQR TRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSVKPVIQWLKRVEYGAEGRHNSTIDVGGQKFVVLPTGDVWS RPDGSYLNKLLITRARQDDAGMYICLGANTMGYSFRSAFLTVPDPKPPGPPVASSSSATSLPWPVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.