

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 FGFR1 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 (FGFR1) is a single-pass type I membrane protein that belongs to the FGF receptor family. The mature human FGFR1 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. FGFR1 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 : ARGPPKMADKVVPRQVARLGRTVRLQCPVEGDPPLMTWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAG VYVCKATNGFGSLSVNYTLVVLDDISPGKESLGPDSGGQEDPASQQWARPRFTQPSKMRRRVIAIPVGSSV RLKCVASGHPRPDITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQR TRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGAEGRHNSTIDVGGQKFVVLPTGDVWS RPDGSYLNKLLITRARQDDAGMYICLGANTMGYSFRSAFLTVLPDPKPPGPPVASSSSATSLPWPVDHHHHHH

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 ddH₂O. 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.