

Recombinant Human IGF-like family receptor 1, His-tagged

Cat. No. IGFLR1-538H Lot. No. (See product label)

SPECIFICATION

Product Overview	IGFLR1, 23-163aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	23-163 a.a.
Description	IGF-like family receptor 1, also known as IGFLR1, is a 167 amino acid protein encoded by a gene mapping to human chromosome 19. This protein probably is cell membrane receptor for the IGF-like family proteins. IGFLR1 binds IGFL1 and IGFL3 with a higher affinity and may also bind IGFL2. Recombinant human IGFLR1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 50% glycerol, 2mM DTT
Molecular Mass	17.5kDa (164aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSSQYCGRL EYWNPDNKCC SSCLQRFGPP PCPDYEFREN CGLNDHGDFV TPPFRKCSSG QCNPDGAELC SPCGGGAVTP TPAAGGG RTP WRCRERP VPA KGHCLTPGN PGAPSSQERS SPASSIAWRT PEPVPQQAWP NFLP

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	IGFLR1 IGF-like family receptor 1 [Homo sapiens]
Official Symbol	IGFLR1
Synonyms	IGFLR1; IGF-like family receptor 1; TMEM149, transmembrane protein 149 , U2(RNU2) small nuclear RNA auxiliary factor 1 like 4 , U2AF1L4; FLJ22573; transmembrane protein 149; U2 small nuclear RNA auxiliary factor 1-like 4; U2(RNU2) small nuclear RNA auxiliary factor 1-like 4; TMEM149; U2AF1L4;
Gene ID	79713
mRNA Refseq	NM_024660
Protein Refseq	NP_078936
MIM	614143
UniProt ID	Q9H665
Chromosome Location	19q13.12
Function	protein binding; receptor activity;

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