

# Recombinant human IGFLR1 protein

Catalog Number: ATGP2053

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

23-163aa

### UniProt No.

Q9H665

### NCBI Accession No.

NP\_078936

### Alternative Names

IGF-like family receptor 1, TMEM149, u2AF1L4

## PRODUCT SPECIFICATION

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### Molecular Weight

17.5 kDa (164aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 50% glycerol, 2mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### 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.

### Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSSQYCGRL EYWNPDKCC SSCLQRFQPP PCPDYEFREN CGLNDHGDFV

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TPPFRKCSSG QCNPDGAELC SPCGGGAVTP TPAAGGGRTP WRCRERPVPA KGHCLTPGN PGAPSSQERS SPASSIAWRT  
PEPVPQQAWP NFLP

## General References

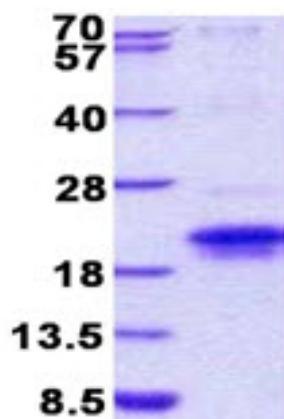
Zimmermann W., et al. (1988) Cancer Res.48:2550-2554.

Trsttel F., et al. (2000) Gene. 241:45-50.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)