

# Human IGFLR1 / TMEM149 (Fc Tag) recombinant protein



Catalog Number: 501008

## General Information

### Gene Name Synonym

Transmembrane protein 149; U2 small nuclear RNA auxiliary factor 1-like 4

### Protein Construction

A DNA sequence encoding the human IGFLR1 (NP\_078936.1) (Met1-Pro159) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

(55.5+40.2) % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ser 23

### Molecular Mass

The recombinant human IGFLR1/Fc comprises

375 amino acids and has a predicted molecular mass of 41.4 kDa. The apparent molecular mass of the protein is approximately 58.9 and 47.6 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

- 5 % trehalose and mannitol are added as protectants before lyophilization.
- Please contact us for any concerns or special requirements.

## Usage Guide

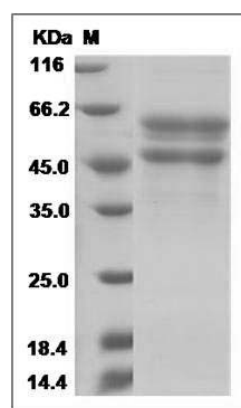
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human IGFLR1 / TMEM149 Protein (Fc Tag) SDS-PAGE