

# Human TMIGD2/IGPR-1 (His Tag) recombinant protein



Catalog Number: 500345

## General Information

### Gene Name Synonym

CD28 homolog; Immunoglobulin and proline-rich receptor 1

### Protein Construction

A DNA sequence encoding the human TMIGD2 (NP\_653216.2) (Met1-Gly150) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 85 % as determined by Nu-PAGE

### Endotoxin

<1.0 EU per  $\mu\text{g}$  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

Leu 23

### Molecular Mass

The recombinant human TMIGD2 consists of 139 amino acids and predicts a molecular mass of 15.5 KDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

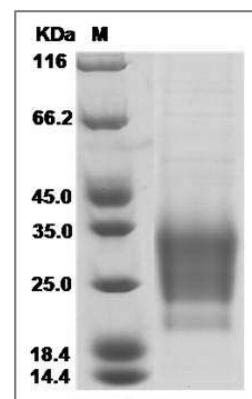
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 IGPR-1 / TMIGD2 Protein (His Tag) SDS-PAGE