

## General Information

### Gene Name Synonym

Aggrus; Glycoprotein 38; OTS-8; PA2.26 antigen; T1-alpha; Transmembrane glycoprotein E11

### Protein Construction

A DNA sequence encoding the mouse PDPN N-terminal fragment (NP\_034459.2) (Met 1-Lys 133) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 92 % 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

Gly 23

### Molecular Mass

The recombinant mouse PDPN<sup>aa 1-133</sup> consists

of 121 amino acids and has a calculated molecular mass of 13 kDa. It migrates as an approximately 25 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

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

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

## Usage Guide

### Storage

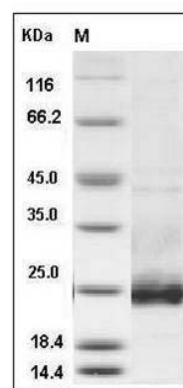
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



Mouse Podoplanin / PDPN Protein (His Tag) SDS-PAGE