

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 μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gly 23

Molecular Mass

The recombinant mouse PDPN^{aa} 1-133 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

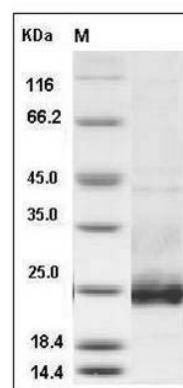
Store it under sterile conditions at -20°C to -80°C .

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