

Active Recombinant Mouse Pdpn protein, His&hFc-tagged

Cat. No. Pdpn-832M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pdpn protein(NP_034459.2)(Met1-Leu141), fused with His and hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Leu141
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized mouse PDPN-Fch at 10 µg/ml (100 µl/well) can bind biotinylated human CLEC1B-His, The EC50 of biotinylated human CLEC1B-His is 0.04-0.08 µg/ml.
Molecular Mass	The recombinant mouse PDPN/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 367 amino acids and has a predicted molecular mass of 40.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmPDPN/Fc monomer is approximately 60-65 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
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 It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Pdpn podoplanin \[Mus musculus \]](#)

Official Symbol [Pdpn](#)

Synonyms PDPN; podoplanin; aggrus; PA2.26 antigen; glycoprotein 38; transmembrane glycoprotein E11; T1a; Gp38; OTS-8; T1alpha; RANDAM-2; T1-alpha;

Gene ID [14726](#)

mRNA Refseq [NM_010329](#)

Protein Refseq [NP_034459](#)

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