

Active Recombinant Mouse PDPN protein, His-tagged

Cat. No. PDPN-855M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PDPN protein(NP_034459.2)(Met1-Lys133), fused with His tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	1-133 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind recombinant CLEC1B-His/Biotin in a functional ELISA.
Molecular Mass	The recombinant mouse PDPNaa 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.
Proteinlength	Met1-Lys133
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE

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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.
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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.
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GENE INFORMATION

Gene Name	Pdpn podoplanin [Mus musculus]
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Official Symbol	PDPN
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Synonyms	PDPN; podoplanin; aggrus; PA2.26 antigen; glycoprotein 38; transmembrane glycoprotein E11; T1a; Gp38; OTS-8; T1alpha; RANDAM-2; T1-alpha;
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Gene ID	14726
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mRNA Refseq	NM_010329
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Protein Refseq	NP_034459
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