

Active Recombinant Rat Pdpn protein(Met1-Leu135), hFc-tagged

Cat. No. Pdpn-1149R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pdpn (NP_062231.1) (Met1-Leu135) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Leu135
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized RatPDPN-Fc at 10 µg/mL (100 µL/well) can bind CLEC1B-His/Biotin, the EC50 of human CLEC1B-His/Biotin is 300-600 ng/mL.
Molecular Mass	The recombinant Rat Pdpn consists 351 amino acids and predicts a molecular mass of 38.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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 \[Rattus norvegicus \]](#)

Official Symbol [Pdpn](#)

Synonyms

PDPN; podoplanin; T1A; RTI140; glycoprotein 38; E11 antigen epitope; type I cell 40 kDa protein; epithelial cell surface transmembrane protein antigen; pulmonary type I alveolar epithelial cell transmembrane differentiation marker; E11; Gp38; OTS-8; RTI40; T1-alpha;

Gene ID [54320](#)

mRNA Refseq [NM_019358](#)

Protein Refseq [NP_062231](#)

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