

Active Recombinant Human PDPN protein, His-tagged

Cat. No. PDPN-2321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDPN protein(Q86YL7) (Met1-Lys123), fused to C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Lys123
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 ability to bind recombinant CLEC1B-His/Biotin in a functional ELISA.
Molecular Mass	The recombinant human PDPN consists of 112 amino acids and predicts a molecular mass of 11.78 kDa.
Endotoxin	< 1.0 EU per µg of the 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. 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.

GENE INFORMATION

Gene Name PDPN podoplanin [Homo sapiens]

Official Symbol PDPN

Synonyms PDPN; podoplanin; aggrus; Gp38; GP40; lung type I cell membrane associated glycoprotein; PA2.26; T1A 2; T1-alpha; hT1alpha-1; hT1alpha-2; PA2.26 antigen; glycoprotein 36; glycoprotein, 36-KD; lung type-I cell membrane-associated glycoprotein (T1A-2); T1A; GP36; OTS8; T1A-2; AGGRUS; HT1A-1

Gene ID 10630

mRNA Refseq NM_001006624

Protein Refseq NP_001006625

MIM 608863

UniProt ID Q86YL7

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