

Active Recombinant Human PDPN Protein, Fc Chimera

Cat. No. PDPN-571H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDPN (Accession # NP_006465), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Glu97 & Ala99
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Podoplanin Fc Chimera can bind Recombinant Human CLEC-2 with an estimated Kd <4 nM.
Molecular Mass	Recombinant Human PDPN, Fc Chimera has a calculated MW of 37.1 kDa. In SDS-PAGE migrates as 60-65 kDa, under reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

 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

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
Chromosome Location	1p36.21

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