

Product datasheet for **TP720436M**

PDPN (NM_001006624) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens podoplanin (PDPN), transcript variant 3
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ala23-Leu131
Tag:	C-His
Predicted MW:	12.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001006625
Locus ID:	10630
UniProt ID:	Q86YL7
Cytogenetics:	1p36.21
Synonyms:	AGGRUS; GP36; Gp38; GP40; HT1A-1; OTS8; PA2.26; T1A; T1A-2; T1A2; T11A



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Summary:

This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Transmembrane

Product images: