

## Product datasheet for **AR09068PU-N**

### Podoplanin (99-207, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Podoplanin (99-207, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MASTGQPEDD TETTGLEGGV AMPGAEDDW TPGTSEDTRYK SGLTTLVATS VNSVTGIRIE DLPTSESTVH AQEQSPSATA SNVATSHSTE KVDGDTQTTV EKDGLSTVTL
Tag:	His-tag
Predicted MW:	13.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 7.5, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PDPN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001006625</a>
Locus ID:	10630
UniProt ID:	<a href="#">Q86YL7</a>
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:**