

Product datasheet for **AR09068PU-L**

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

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Podoplanin (99-207, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SGLVPRGSH 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: | 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: