

Product datasheet for **SC319523**

PDPN (NM_198389) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDPN (NM_198389) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDPN
Synonyms:	AGGRUS; GP36; Gp38; GP40; HT1A-1; OTS8; PA2.26; T1A; T1A-2; T1A2; T11A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_198389.2
GATAAATGCTGACTCCGCTCGGAAAGTTCTCAACTGCAAAGTTTGTCTGCCGCTGCCTA
GGGTCTGGGAAGCTCGGGCACCCTCCCTCTCCGGGGCTCTGCTCCCACCCTCCGGCCC
CCCCACCGTCGCGCTCCTCCAGGCTGGGCTGTGGCCGGTGTTTTTAATTTTCCCCC
AGCTCAGAATCTTGTCTCGGCCCCAGGAGAGCAACAACCAACGGAACGATGTGGA
AGGTGTACGCTCTGCTCTCGTTTTGGGAAGCGCGTCTGCTGGGCTCTGGCAGAAGGAG
CCAGCACAGGCCAGCCAGAAGATGACACTGAGACTACAGGTTTGGAAAGCGCGTTGCCA
TGCCAGGTGCCGAAGATGATGTGGTACTCCAGGAACCAGCGAAGACCGCTATAAGTCTG
GCTTGACAACTCTGGTGGCAACAAGTGCAACAGTGTAAACAGGCATTTCGCATCGAGGATC
TGCCAACTTCAGAAAGCACAGTCCACGCGCAAGAACAAGTCCAAGCGCCACAGCCTCAA
ACGTGGCCACCAGTCACTCCACGGAGAAAGTGGATGGAGACACACAGACAACAGTTGAGA
AAGATGGTTTGTCAACAGTGACCCTGGTTGGAATCATAGTTGGGGTCTTACTAGCCATCG
GCTTCATTGGTGGAAATCATCGTTGTGGTTATGCGAAAAATGTCGGGAAGTACTCGCCCT
AAAGAGCTGAAGGGTTACGCCCTGCTGCCAACGTGCTTAAAAAAGACCGTTTCTGACTC
TGTGCCCTGTCCCTGAGCTCGTGGGAGAAGATGACCCGTGGAACACTTGCCCTGGCCCACT
CAGAAATCCACGGTGACCTCTCCGCTTGCCAAAATAACCGAAGGAAAGACCGTTACCAGA
CTTGGCTCCTCTAAACATTTGCTGTTCAAACATGTTTTGAATATACATTCTATAAAAGA
TTATTTGAAAGACAAAATTCATAGAAAAATGGAGCAAACTGTATAAACTGATTTGTAAC
AACACTGGACCATTGGATCGATATTATGCTGTAACCATGAAAAAAAAAAAAAAAAAAAA
A

Restriction Sites: Please inquire

ACCN: NM_198389



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_198389.2 , NP_938203.2
RefSeq Size:	2822 bp
RefSeq ORF:	711 bp
Locus ID:	10630
UniProt ID:	Q86YL7
Cytogenetics:	1p36.21
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.</p>