

Product datasheet for **SC125342**

PDPN (NM_006474) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDPN (NM_006474) 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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC125342 sequence for NM_006474 edited (data generated by NextGen Sequencing) ATGCTGACTCCGCTCGGAAAGTTCTCAACTGCAAAGTTTCTGCTGCCGGCTGCCTAGGGTC TGGGAAGCTCGGGCACCCCTCCCTCTCCGGGGCTCCTGCTCCCACCCTCCGGCCCCCA CCGTGCGCTCCTCCAGGCTGGCCTGTGGCCGCGGTGCTTTTTAATTTTCCCCAGCTC AGAATCTTGCTGCTCGGCCCCAGGAGAGCAACAACCAACGGAACGATGTGGAAGGTG TCAGCTCTGCTCTTCGTTTTGGGAAGCGCTCGCTCTGGGTCTGGCAGAAGGAGCCAGC ACAGGCCAGCCAGAAGATGACTGAGACTACAGGTTTGGAAAGCGCGTTGCCATGCCA GGTGCCGAAGATGATGTGGTGACTCCAGGAACAGCGAAGACCGCTATAAGTCTGGCTTG ACAACCTGGTGGCAACAAGTGCAACAGTGTAACAGGCATTGCGATCGAGGATCTGCCA ACTTCAGAAAGCACAGTCCACGCAAGAACAAGTCCAAGCGCCACAGCCTCAAACGTG GCCACCAGTCACTCCACGAGAAAGTGGATGGAGACACAGACAACAGTTGAGAAAGAT GGTTTGTCAACAGTGACCCTGGTTGGAATCATAGTTGGGGTCTTACTAGCCATCGGCTTC ATTGGTGAATCATCGTTGTGGTTATGCGAAAAATGTCGGGAAGGTAICTCGCCCTAA Clone variation with respect to NM_006474.4 668 c=>g



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006474 unedited TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGAGACCACCTTGCG GCCGACCCCGCTCCCCGCTCCTCGGGAGAGATAAATGCTGACTCCGCTCGGAAAGTTC TCAACTGCAAAGTTTGTGTCCGGCTGCCTAGGGTCTGGGAAGCTCGGGCACCTCCCTC TCCGGGGCTCCTGCTCCCACCCCTCCGGCCCCCACCCTCGCGCTCCTCCAGGCTGGGC CTGTGGCCGCGGTGCTTTTTAATTTTCCCCAGCTCAGAATCTTGCTGCTCGGCCCCAG GAGAGCAACAACCTCAACGGGAACGATGTGGAAGGTGTCAGCTCTGCTCTTCGTTTTGGGA AGCGCGTCGCTCTGGGTCTGGCAGAAAGAGCCAGCACAGGCCAGCCAGAGATGACACT GAGACTACAGTTTGAAGGCGCGTGGCCATGCCAGGTGCCAAGATGATGTGGTGACT CCAGGAACCAGCGAAGACCGCTATAAGTCTGGCTTGACAACCTCTGGTGGCAACAAGTGT AACAGTGTAAACAGGCATTCGCATCGAGGATCTGCCAACTTCAGAAAGCACAGTCCACGG CAAGAACAAGTCCAAGCGCCACAGCCTCAAACGTGGCCACCAGTCACTCCACGGAGAAA GTGGATGGAGACACAGACCCACAGTGAGAAAGATGGTTTGTCAACAGTGACCTGGTT GGAATCATAGCTGGNGTCTTACTAGCCATCGGCTTTCATGGNTGGAATCATCCGNTGTGG TTATGCGAAAAAATGTCGGGAAGTACTCGCCCTAAAAAGCTGAAGGGTTACCCCTGCT GCCAACGTGCTTAAAAAAGAACGTTTTTACTCTGGGCCCTGTCCCTGGACTCGGGGAAA AGAAGACCCCTGAAACC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006474 unedited AAACTTATCCTTTGTTTTCTTTGNAAAACATGTNCTACACATGCATTGNANCAACACAC AGGCTGCTGACCAAGTAAACCCACAGTCTGTCCCGCAGGCACTGGGTCCAGTGTATGA CTTGGGGTGGACTGTTATTTTTACAGTGAGGGGGGAAGGATAGGAAAGAAAAGATGGC CATTATCCCAACTCCTGTTCCAGGAATCTGAACAATGAAAGTTATTTAAACTCATCCAGCT CTTCTATTCCCCTTCTCAATCAGCTGGTGTCAAATATGGAATCTGAGGCCGAGCGC AGTGGCACACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGCAGATCACGAGGTC AAGAGATAGAGATCATCCTCGCCGATACGGTGAACCCCATCTCTACTAAAAATACAAAA ATTGGCCGGGTGTGGTGTAGGAACCTGTAGTCCCAGCTACTCAGGAGGCTGAGGCAGGA GAATTGCTTTTTGACATCCTGACACATGTATAATTGCCGGGAGGCAGAGTTGCAGACTAC GTTTCACACACACACAAAAAATGGAATCTGAGCTGGTGGGGCCAGCTGGATTTGGG AACACACAGACACACTGTTTAAAAATAACATCCAGACATCATTGCANANAATGGGAGGAAT GGGCTGTGCTCCGAATGATAGTTTACTTNNTCCTGTTTTATGAATGCTTTACAATTTAG AGGATACCAGAGTTGCACANCCCGCCTCATGACAGAGCATCTGCTCAATGTTAAAACTTT GTTTAAGAAAAAATAAATCCCATGGGTTTCTGGGAAAAAATGCCCCGCTGGATGG GGCCTGACCAAATGACCCCTTGGCCTCCTATTTTGTCTTTTCCCGGACCCCAAAA TTTTTCGGTTTCCATAAGAGCCGGGATTTTCTTTTTAAAAAGGGTTTGTCCAAACCTC TTAATAAAAACTTACATTGTTTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_006474
Insert Size:	3000 bp
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).
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_006474.4 , NP_006465.3
RefSeq Size:	2828 bp
RefSeq ORF:	717 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 (1) represents the longest transcript and encodes the longest isoform (a).</p>