

Product datasheet for SC319279

PDCL (NM_005388) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDCL (NM_005388) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDCL
Synonyms:	PhLP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005388.3
 CTCCATTCTCCGGCGCCCGGAGCTGCTGGCCCAAAGGGATCCGGAGCGAGCTAGGGCA
 GACACCATGACCACCCTTGATGATAAGTTGCTGGGGGAGAACTGCAGTACTACTATAGC
 AGCAGTGAGGATGAGGACAGTGACCACGAGGACAAGGACCGAGGCAGATGTGCCCCAGCC
 AGCAGTTCTGTGCTGCAGAGGCTGAGCTGGCAGGCGAAGGCATCTCAGTTAACACAGGC
 CAAAAGGTGTGATCAATGACTGGCGCCGCTTCAAGCAGTTGGAGACAGAGCAGAGGGAG
 GAGCAGTGCCGGGAGATGGAAAGGCTGATCAAGAAGCTGTCAATGACTTGCAGGTCCCAT
 CTGGATGAAGAGGAGGAGCAACAGAAACAGAAAGACCTCCAGGAGAAGATCAGTGGGAAG
 ATGACTCTGAAGGAGTTTGCCATAATGAATGAGGACCAAGATGATGAAGAGTTTCTGCAG
 CAGTACCGGAAGCAGCGAATGGAAGAGATGCGGCAGCAGCTTACAAGGGGCCCAATTC
 AAGCAGTTTTTGTAGATCTCCAGTGGAGAAGGGTTTTTAGACATGATTGATAAAGAACAG
 AAAAGCATTGTATCATGTTTCATATTTATGAGGATGGCATTCCAGGGACCGAAGCCATG
 AATGGTTGCATGATCTGCCTTGCCCGCAGAGTACCCAGCTGTCAAGTTCTGCAAGGTGAAG
 AGCTCAGTTATTGGCGCCAGCAGTCAGTTCACCAGGAATGCCCTTCTGCCTGCTGATC
 TATAAGGGGGGTGAATTGATCGGCAATTTTGTTCGTGTTACTGACCAGCTGGGGGATGAT
 TTCTTTGCTGTGGACCTTGAAGCTTTTCTCCAGGAATTTGGATTACTCCCAGAAAAGGAA
 GTCTTGGTGCTGACATCTGTGCGTAACTCTGCCACGTGTCACAGTGAGGATAGCGACCTG
 GAAATAGATTGAAGTATAGTCTAGTTGCATAGAATTTCTCATTGTTTGGGTTGGAATAC
 ACGTCATTGTTTTATTTTGTCTTTGTCTTCTGGCTTTTCAGCTGTTCTTTGTAGTCCC
 TTTTATTATGCATAAAAATAAAGAAATTTCTAGATTAATAACAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_005388



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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_005388.3 , NP_005379.3
RefSeq Size:	2774 bp
RefSeq ORF:	906 bp
Locus ID:	5082
UniProt ID:	Q13371
Cytogenetics:	9q33.2
Domains:	Phosducin
Protein Families:	Druggable Genome
Gene Summary:	Phosducin-like protein is a putative modulator of heterotrimeric G proteins. The protein shares extensive amino acid sequence homology with phosducin, a phosphoprotein expressed in retina and pineal gland. Both phosducin-like protein and phosphoducin have been shown to regulate G-protein signaling by binding to the beta-gamma subunits of G proteins. [provided by RefSeq, Jul 2008]