

## Product datasheet for **SC123248**

### PDCL2 (NM\_152401) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PDCL2 (NM_152401) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDCL2
Synonyms:	GCPHLP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for NM_152401 edited</p> <pre> GAAGCGGGCGCTCTTCCAGCCTGGAGAAGGCTGCGGGTCTCCATCCGTGGCGCCTCGCCA GCTGCAGGACGACGCGGGCTCTTGAGGGCAGAGCAGCGCATCATGCAGGATCCCAATGA AGATACAGAATGGAATGACATTTTAAGAGATTTGCGCATTCTTCCCTCTAAAGAAGAGTC AAAAGATGAAATTGAAGAATGGTTTTACGTTTACAGAAAGAAGCAATGGTGAAACCATT TGAAAAGATGACTCTTGACAGCTAAAGGAAGCTGAAGATGAATTTAATGAAGAAGATAT GCAGGCTGTTGAAACATATAGAAAGAAGCGGTTACAGGAATGGAAAGCTCTTAAGAAAAA ACAAAAATTTGGAGAATTAAGAGAAATTTCTGAAATCAGTATGTGAATGAAGTCACAAA TGCAGAAGAAGATGTGTGGGTTAATTCATCTATACAGATCAAGCATCCCAATGTGTTT GTTGGTTAACAGCATCTTAGTCTTCTAGCAAGAAAGTTTCCAGAACTAAATTTGTTAA AGCCATCGTGAATAGCTGTATTCAACACTACCATGACAATTGTTTACCAACAATTTTTGT GTATAAAATGGTCAGATAGAAGCCAAATTCATTGGAATTATAGAATGTGGAGGGATAAA TCTCAAGCTGGAAGAACTTGAATGGAAGCTAGCAGAAGTTGGAGCAATACAGACTGATTT GGAAGAAAACCCAGAAAAGACATGGTAGATATGATGGTATCTTCAATTAGAAACTTTC TATTCATGATGACAGTGATAGCTCCAACAGTGATAATGAACCAATAGAGAGAAATATTC AATAAATAGCTTTTAGTATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_152401 unedited NGGTTTCAGATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCGGGATGAAGCGGGCG CTCTTCCGCTGGAGAAGCTGCGGGTCTCCATCCGTGGCGCTCGCCAGCTGCAGGACGA CGCGGGCTCTTGAGGGGAGAGCAGCGCATCATGCAGGATCCCAATGAAGATACAGAATG GAATGACATTTTAAGAGATTTCCGCATTCTTCTCCTAAAGAAGAGTCAAAGATGAAAT TGAAGAAATGGTTTTACGTTTACAGAAAAGCAATGGTGAACCATTGAAAAGATGAC TCTTGCACAGCTAAAGGAAGCTGAAGATGAATTTAATGAAGAAGATATGCAGGCTGTTGA AACATATAGAAAAGCGGTTACAGGAATGGAAAAGCTCTTAAGAAAAACAAAAATTTGG AGAATTAAGAGAAATTTCTGAAAATCAGTATGTGAATGAAGTCACAAATGCAGAAGAAGA TGTGTGGGTTATAATTCATCTATACAGATCAAGCATCCCAATGTGTTTGTGGTTAACCA GCATCTTAGTCTTCTAGCAAGAAAGTTCCAGAACTAAATTTGTTAAAGCCATCGTGAA TAGCTGTATTCAACTACCATGACAATTGTTTACCAACAATTTTGTGTATAAAAATGG TCAGATAGAAGCCAAATTCATTGGAATTATAGAATGTGGAGGGATAAATCTCAAGCTGGA AGAACTTGAATGGAAGCTAGCAGAAGTTGGAGCAATACAGACTGATTTGGAAGAAAACCC CAGAAAGACATGGTAGATATGATGGTATCTTCAATTAGAAACACTTCTATTCATGATGAC AGTGATAGCTCCACAGTGATNATGATACCAATAGAGAGAAATATTCATANATAGCTTTT AGTTTNNAAAAAANANAAAANNAAAAANNANANAAA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_152401
<b>Insert Size:</b>	888 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_152401.2</a> , <a href="#">NP_689614.2</a>
<b>RefSeq Size:</b>	873 bp
<b>RefSeq ORF:</b>	726 bp
<b>Locus ID:</b>	132954
<b>UniProt ID:</b>	<a href="#">Q8N4E4</a>
<b>Cytogenetics:</b>	4q12

**Gene Summary:**

This gene encodes a member of the phosducin-like protein family and is a putative modulator of heterotrimeric G proteins. The protein shares extensive amino acid sequence homology with phosducin. Members of the phosducin-like protein family have been shown to bind to the beta-gamma subunits of G proteins. [provided by RefSeq, Jul 2008]