

## Product datasheet for **SC123486**

### PPAPDC1B (PLPP5) (BC033025) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPAPDC1B (PLPP5) (BC033025) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPAPDC1B
Synonyms:	diacylglycerol pyrophosphate like 1; DPPL1; HTPAP; phosphatidic acid phosphatase type 2 domain containing 1B
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:**

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>OriGene sequence for BC033025 edited
AGCGGGTTCGCGGCTTCTCTGTAAGAAAGATCCACGGCCGGGCCCGGGCGGCCCCGCTTC
CCAGGCAGGCGGGCGGCACGGGGCGGGGTCGGGCAGTGGGGAAGCGGGGAGGAAGCCA
GGCGACCTGCTCTGCGCTTCTTTGTTCCCTCTAGGGTGACGGAGCTGCTCCCCCGTTC
CAGAGACTCATCCAGCCGGAGGAGATGTGGCTCTACCGGAACCCCTACGTGGAGGCGGAG
TATTTCCCAACCAAGCCGATGTTTGTATTGCAATTTCTCTCCACTGTCTCTGATCTTC
CTGGCCAAATTTCTCAAGAAGGCAGACACAAGAGACAGCAGACAAGCCTGCCTGGCTGCC
AGCCTTGCCCTGGCTCTGAATGGCGTCTTTACCAACACAATAAAAAGTATCGTAGGGAGG
CCACGCCCAGATTTCTTCTACCGCTGCTTCCCTGATGGGCTAGCCATTCTGACTTGATG
TGTACAGGGGATAAAGACGTGGTGAATGAGGGCCGAAAGAGCTTCCCCAGTGGACATTCT
TCCTTTGCATTTGCTGGTCTGGCCTTTGCGTCTTCTACCTGGCAGGGAAGTTACTACTGC
TTCACACCACAAGGCCGTGGGAAATCTTGGAGGTTCTGTGCTTTCTGTCACCTCTACTT
TTTGCAGCTGTGATTGCACTGTCCCGCACATGTGACTACAAGCATCACTGGCAAGATGTA
CTAGTTGGATCCATGATTGGAATGACATTTGCCTATGTCTGCTATCGGCAGTATTATCCT
CCTCTGACTGATGCAGAATGCCATAAACCATTTCAAGACAAAAGTGTACTTTCCACTGCA
CAGAAGCCTGGGATTCTTATTGTTTTGATATTTAAAAATGAATCTGGCCGGGCGTGGT
GGCTCATGCCTGTAATCCCAACACTTTGGGAGGCTGAGGAGGGTGGATCACCTGAGGTCA
GGACCAGCCTGGCCAACATGGTGAACCCTGTCTCTACTAAAAATACAAAAATTAGCCAGG
AGTTGTGTGCCGTAATCCAGCTACCTGGGAGGCTGAGGTAGGAGAATTGCTTGAACCTG
GGAGCTGGAGGTTCCAGTGAGCCGAGATCGCACCACTGCACTCCAGCCTAGGCAACAGAG
TGAGACCCCATCTCAAAAAAAAAAAAAAAAAATTGAATCTATCTCAATAGAGAACAGGTGAA
CTAGCCCTCCTAACCCGGACCATGCACAAGACAAGAAATTTAGCCTTTTTTTCCCTTCC
AAGGTGCAAGTGAGGACATAAGCCACACTGTATTCTGCCTCCAAATGATTACACACTTTT
GCCCTGTCTCATCTATCTTGAGGAGTTACGGTCTTTTCCACTACTGTATGCCACATGTT
CTAGTAAAAGGATCTTTCAAAGGTGTCCAACACCTTATGAATCTGGTCTATCAGATTAAT
ATCTGAAGATCTACAGTGTTTTTACATTTAATTTAAATGCCATTCTTAGAAGGATCTTGT
CACAAAGAAGCCTTTACATAGCCCCACCTTGTCTCAGAAGCTAGAGTTCAATATCAAAC
TTAATTTCCATTTATATAGCTCAAAATCTTAAATCTAGGGCATGGCCAACTAAATTAC
TTTGATTTCTGTTTACCTTCTCTGATGACAATCCATCAAGCCTTAAATAGGAAAATGTCG
AATCTAGGGTAATTTATCACTTTTGTGTGCATCTTATCTGAGTCCAGCCATCTGGTACTG
CTGTGCATTTTGAACACCGTGGGCATAAACAATTTGTTGAATTAAGTAAAAACAATA
ATAAAGAAGAAAATGGTCAGGAGTGTGGTTTCAGCACTACTAACAGATGACTGTTTCTAC
CTCATTTGACCATAACTGTACTTGTGAGCTTCTTTCCCTTCCATTCTGACTGAAGATCTG
CTCAAAATGCACCAACTGCCAAGTGACTAAGGTAGAAAAGAAAATGACAGGTATCGTC
ATCTGAAGGACAGATGAATCTTTTTCTGCCCTTCTTCAAAATGGAATATAAGGAACAAT
TATGGGATGTCATCAGAATGGATGCCATAGGACCTACAGCTCCCTTTCTTTTATTGTGA
TTATACTTTAAATATGACATTGTCTTTATGTGTATGTTTCTATATTTTCAATGTATCTT
TTTCTTCAGTAAACCTGATATTTCAACAAAAAAAAAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC033025 unedited AAAAGACTTTGGGATTTGTATACGACTCACTATAGGCGGCCGCATAAATTTCGTATAGCAT ACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTTCGAGAGCGGG TTCGCGGCCTTCTGTAAAGAAAGATCCACGGCCGGGCCCGGGCGGCCCGCTTCCCAGGC AGGCGGGCGGCACGGGGCGGGTCCGGCAGTGGGAAGCGGGGAGGAAGCCAGGCGAC CTGCTCTGCGCTTCTTTGTTCCCCTCTAGGGTGACGGAGCTGCTCCCCCGTTCCAGAGA CTCATCCAGCCGAGGAGATGTGGCTCTACCGGAACCCCTACGTGGAGGCGGAGTATTTCC CCACCAAGCCGATGTTTGTATTGCATTCTCTCTCCACTGTCTCTGATCTTCCTGGCC AAATTTCTCAAGAAGGCAGACACAAGAGACAGCAGACAAGCCTGCCTGGCTGCCAGCCTT GCCCTGGCTCTGAATGGCGTCTTTACCAACACAATAAACTGATCGTAGGGAGGCCACGC CCAGATTTCTTCTACCGCTGCTTCCCTGATGGGCTAGCCATTCTGACTTGATGTGTACA GGGGATAAGGACGTGGTGAATGAGGGCCGAAAGAGCTTCCCCAGTGACATTCTTCTTTT GCATTTGCTGGTCTGGCCTTTGCGTCTTCTACCTGGCAGGGAAGTTACTACTGCTTACA CCACAAGCCGTGGGAAATCTTGGAGTTCTGTGCCTTTCTGTCACCTCTACTTTTTGCA GCTGTGATTGCACTGTCCCGCACATGTGACTACAAGCATCACTGGCAAGATGTACTAGTT GGATCCCTGATTGGAATGACATTTGCCTATGTCTGCTATCGGCAGTAT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC033025
<b>Insert Size:</b>	2204 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="#">BC033025.1</a> , <a href="#">AAH33025.1</a>
<b>RefSeq Size:</b>	2204 bp
<b>Locus ID:</b>	84513
<b>Cytogenetics:</b>	8p11.23
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Displays magnesium-independent phosphatidate phosphatase activity in vitro. Catalyzes the conversion of phosphatidic acid to diacylglycerol. May be a metastatic suppressor for hepatocellular carcinoma.[UniProtKB/Swiss-Prot Function]