

Product datasheet for **SC104858**

PPAPDC1B (PLPP5) (NM_032483) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPAPDC1B (PLPP5) (NM_032483) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPAPDC1B
Synonyms:	DPPL1; HTPAP; PPAPDC1B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032483, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAAGGCGGCGGCGGCGGTGGCCTTTGGGGCCGAAGTGGGCGTGCGGCTCGCGCTGTTGCGGGCCT
TCCTGGTGACGGAGCTGCTCCCCCGTTCCAGAGACTCATCCAGCCGGAGGAGATGTGGCTCTACCGGAA
CCCCTACGTGGAGGCGGAGTATTTCCCACCAAGCCGATGTTTGTATTGCATTTCTCTCCACTGTCT
CTGATCTTCTGGCCAAATTTCTCAAGAAGGCAGACACAAGAGACAGCAGACAAGCCTGCCTGGCTGCCA
GCCTTGGCCTGGCTCTGAATGGCGTCTTACCAACACAATAAACTGATCGTAGGGAGGCCACGCCCAGA
TTTCTTCTACCGCTGCTCCCTGATGGGCTAGCCATTCTGACTTGATGTGTACAGGGGATAAGGACGTG
GTGAATGAGGGCCGAAAGAGCTTCCCAGTGGACATTCTCCTTTGCATTTGCTGGTCTGGCCTTTGCGT
CCTTCTACCTGGCAGGAAGTTACTGCTTACACCACAAGGCCGTGGGAAATCTTGGAGTTCTGTGC
CTTCTGTACCTCTACTTTTGGCAGCTGTGATTGCACTGTCCCGCACATGTGACTACAAGCATCACTGG
CAAGGACCCTTTAAATGGTGA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032483 unedited CTTTGGACCGCGGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGGAGAGGGGTC TCACTCTGTTGCCTAGGCTGGAGTGCAGTGGTGCATCTCGGCCCACTGGAACTCCAGC TCCCAGGTTCAAGCAATTCTCCTACCTCAGCCTCCCAGGTAGCTGGGATTACGGCACACA ACTCCTGGCTAATTTTTGTATTTTTAGTAGAGACAGGGTTCACCATGTTGGCCAGGCTGG TCCTGACCTCAGGTGATCCACCTCCTCAGCCTCCAAAGTGTGGGATTACAGGCATGA GCCACCACGCCCCGCGCAGATTCAATTTTTAAATATCAAAACAATAAGAATCCCCAGGCTT CTGTGCAGTGGAAAGTACAAGTTTGTCTTGAAATGGTTTATGGCATTCTGCATCAGTCAG AGGAGGATAAATACTGCCGATAGCAGACATAGGCAATGTCATTCCAATCATGGATCCAAC TAGTACATCTTGCCAGTGATGCTTGTAGTACATGTGCGGGACAGTGCAATCACAGCTGC AAAAAGTAGAGGTGACAGAAAGGCACAGAACCTCCAAGATTTCCACGGCCTTGTGGTGT GAAGCAGTGTAACCTCCCTGCCAGGTAGAAGGACGCAAAGGCCAGACCAGCANATGCAA GGAAGAATGTCCACTGGGAAGCTCTTTCGGCCCTCATTACCACGTCTTATCCCCTGT ACACATCAAGTCAGAATGGGCTAGCCCATCAGGNAAGCAGCGTAGAAGAAATCTGGGCG TGGCCTGGAAGAAACAGCATGGNTGAAACGTAATCATTAACTNCAGAAATATTTNTTCA GTGTAGCAGACATAAATATCCTGTTAACTATTGGTCAAATAGTGCCCCAGCAAATAGGT ACTGGCTTATATAGCCCCACACTAGAGAAAACCTTTTCAGTGAGCATTTAANTAAGGGAA AACCCCATCCC
Restriction Sites:	NotI-NotI
ACCN:	NM_032483
Insert Size:	2140 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_032483.2 , NP_115872.1
RefSeq Size:	880 bp
RefSeq ORF:	528 bp
Locus ID:	84513
UniProt ID:	Q8NEB5
Cytogenetics:	8p11.23
Domains:	acidPPc

Protein Families: Transmembrane

Gene Summary: 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]
Transcript Variant: This variant (2) has a different exon at the 3' terminus, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.