

Product datasheet for **SC316913**

PPAPDC1B (PLPP5) (NM_001102559) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PPAPDC1B (PLPP5) (NM_001102559) Human Untagged Clone
Tag: Tag Free
Symbol: PPAPDC1B
Synonyms: DPPL1; HTPAP; PPAPDC1B
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001102559 edited
 ATGGGGAAGGCGGCGGCGGTGGCCTTTGGGGCCGAAGTGGGCGTGGCGCTCGCGCTG
 TTCGCGCCTTCTGGTGACGGAGCTGCTCCCCCGTTCCAGAGACTCATCCAGCCGGAG
 GAGATGTGGCTCTACCGAACCCTACGTGGAGCGGAGTATTTCCACCAAGCCGATG
 TTTGTTATTGCATTTCTCTCCACTGTCTCTGATCTTCTGGCCAAATTTCTCAAGAAG
 GCAGACACAAGAGACAGCAGACAAGCCTGCCTGGCTGCCAGCCTTGCCCTGGCTGAATG
 GCGTCTTTACCAACACAATAAACTGATCGTAGGGAGGCCACGCCAGATTTCTTCTACC
 GCTGCTTCCCTGATGGGCTAGCCATTCTGACTTGATGTGTACAGGGGATAAGGACGTGG
 TGAATGAGGGCCGAAAGAGCTTCCCCAGTGGACATTCTTCTTTGCATTTGCTGGTCTGG
 CCTTTGCGTCCTTCTACCTGGCAGGGAAGTTACACTGCTTACACCACAAGGCCGTGGGA
 AATCTTGGAGTTCTGTGCCTTTCTGTACCTCTACTTTTTGCAGCTGTGATTGCACTGT
 CCCGCACATGTGACTACAAGCATCACTGGCAAGATGACTAGTTGGATCCATGATTGGAA
 TGACATTTGCCTATGTCTGCTATCGGCAGTATTATCCTCCTCTGACTGATGCAGAATGCC
 ATAAACCATTTCAAGACAACTGTACTTTCCACTGCACAGAAGCCTGGGGATTCTTATT
 GTTTTGATATTTAA

Restriction Sites: Please inquire

ACCN: NM_001102559

Insert Size: 2200 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).



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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:	<u>NM_001102559.1</u> , <u>NP_001096029.1</u>
RefSeq Size:	2151 bp
RefSeq ORF:	795 bp
Locus ID:	84513
UniProt ID:	<u>Q8NEB5</u>
Cytogenetics:	8p11.23
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>