

Product datasheet for **SC204857**

PPAP2C (PLPP2) (NM_177526) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPAP2C (PLPP2) (NM_177526) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLPP2
Synonyms:	LPP2; PAP-2c; PAP2-g; PPAP2C
ACCN:	NM_177526
Insert Size:	375 bp
Insert Sequence:	>SC204857 3'UTR clone of NM_177526

The sequence shown below is from the reference sequence of NM_177526. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACTATGGATACCCGCACTCCTCCTCTGAGGCCGACCCCGCCAGGCAGGGAGCTGCTGTGAGTCCA
GCTGAGGCCACCCAGGTGGTCCCTCCAGCCCTGGTTAGGCACTGAGGGCTCTGGACGGGCTCCAGGAA
CCCTGGGCTGATGGGAGCAGTGAGCGGGCTCCGCTGCCCCCTGCCCTGCACTGGACCAGGAGTCTGGAG
ATGCCTGGGTAGCCCTCAGCATTGGAGGGGAACCTGTTCCCGTCGGTCCCAAAATATCCCTTCTTTT
TATGGGGTTAAGGAAGGGACCGAGAGATCAGATAGTTGCTGTTTTGTAATGTAATGTATGTGGTT
TTTAGTAAATAGGGCACCTGTTTCACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_177526.3</u>



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Summary: The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is similar to phosphatidic acid phosphatase type 2A (PPAP2A) and type 2B (PPAP2B). All three proteins contain 6 transmembrane regions, and a consensus N-glycosylation site. This protein has been shown to possess membrane associated PAP activity. Three alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Locus ID: 8612

MW: 13.2