

Product datasheet for **SC216556**

Phosphatidic acid phosphatase type 2B (PLPP3) (NM_003713) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Phosphatidic acid phosphatase type 2B (PLPP3) (NM_003713) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLPP3
Synonyms:	Dri42; LPP3; PAP2B; PPAP2B; VCIP
ACCN:	NM_003713
Insert Size:	1820 bp



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Insert Sequence: >SC216556 3'UTR clone of NM_003713
 The sequence shown below is from the reference sequence of NM_003713. 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
GACAGGAACAATCACCACAACATGATGTAGGTGCCACCCACCTCCTGAGCTGTTTTTGTAAATGACTG
CTGACAGCAAGTTCTTGCTGCTCTCCAATCTCATCAGACAGTAGAATGTAGGGAAAAACTTTTGCCGA
CTGATTTTTAAAAAGGAAAAAAAAAATGTTTTACTATGTGGCCTTCCAAAATAGGTAGTGTTTGCCTAT
GTGGAAACAACAGCAAATAACACCAAGTGCCAGAGTCTGGATGTGCAATTGGTTAAAGTTCATGT
TCTAGTGAACACAGCTTGTTCAGGAACAAACACTAAAACGATTTGAGTAGAGGCTGCTGGTCACCTTTT
GTGACCTGAGGAATCCCAGGCCGTGTGAGAAAAGCAAAAATTCACATTGCAGCACATGATGCCAGAAATA
GCACTGAATCAAGAAAATAGCCATTGCGGAGCTGCCCTCTTGAGTCTTTCTGCCATCCCATTCTATTC
TGTACTGTGACTTTAGTTTCAGGAAGTTTTGTTTTGTGTTTTAAATAAAAAGGAAAGAGCAAGTTTGCTCA
GTCAAGTGATCAGATCCCGAATCTAGATTCCAGTTCTAAGGCCTTATCACCTCCCTGCCCATAGGCC
AACACCATAGTTCCTCACATTAGTGATTAGCAGACTCTTTGTGGACGAGTGAATTTACAAACAGCAC
AATTTTCAGAAGAAATCGAGGGCACAGGCCCTCACTTTTCTTTTGTGACGCATCATCCTGTGATGTTGA
AATGTCAATTGCAGGATGCTGATGTTGTGCACGTCATCACCGGGCACTTGCATACTCTTAGAAACAGT
TCGACTTCGGTTACTGCCTTCTCCCTTGAAATCCTTTGCTGCGTGCCACCAGGATTTCTGTGAGGGCC
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GCAGTCTCATGCATGAGAGGTTACCCTTCAGGATGACAGAGCTGAGGGTCTTTGTAGGATTTGCTCTTG
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CACTCTAGGTGATAGACAGGGACCCCTTCTACTGAACCTTTGAGGAAAGGAGGAAGAAAGAAATGCGTT
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GATTATAAACTGTGTCTCGACCTGTGTTATTTACATTAGCTGCTTAAAAAAGCATTGAGTTAATTTTTT
TAAATATCAACTAAAATATCATAGTTCTGTGGTAGACATTGTTTTATAATGAAATAACTGCAACTAGAG
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AAAGACTTTTGTAGCATACAAAGTGAAAACCTGTATCTGCGAAAACATACTTGTATTAATGTGCTTTT
TAAATAAAAGCTCGTAACACAATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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: [NM_003713.5](#)

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 a membrane glycoprotein localized at the cell plasma membrane. It has been shown to actively hydrolyze extracellular lysophosphatidic acid and short-chain phosphatidic acid. The expression of this gene is found to be enhanced by epidermal growth factor in Hela cells. [provided by RefSeq, Mar 2010]

Locus ID:

8613

MW:

68.9