

Product datasheet for **SC216733**

Phospholipase C beta 4 (PLCB4) (NM_182797) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Phospholipase C beta 4 (PLCB4) (NM_182797) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLCB4
Synonyms:	ARCND2; PI-PLC
ACCN:	NM_182797
Insert Size:	1849 bp



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Insert Sequence: >SC216733 3'UTR clone of NM_182797
 The sequence shown below is from the reference sequence of NM_182797. 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
ATGGACCGCAGACCAGCAACAGTAGTATGAAACTCCAAAATGCAAAGTGAAGCAGCAAAACCCACAAAGC
ATCAAAAAGACTCACTCACAAACTTCTGAACACAAAACCTCCATGGATGAAAGCTGTTATTTTGTTCCTT
TATGTGTAACAAGATGATATCTGAAACAGAGAGACTTGAATGTCTGACTGACTTCTATTTAACAGC
TTGAGTATTGCATTTCTTGGCCAAAACAAAATAGCTACAAAATCCACAAAATTTACTATTCCAGTAAG
GCAGAGTCCAACCATTGATAATACAACCTAAACATGTTTGTCTATAAAAATACCATCACAAGTAAATGAGC
TTGGTGTGAACAACCTCCTTTGTGATGCCTTAGGACATGTTTGAAGTGCAGCAAAAACAAAACAAA
AAACAGTGCATTAGCAATTTATAGCAAGTGCATGCACTAGGAAAAGAAAACCTCTGTCTACAAGTTTAT
TAGCAGAAGTGGTGGTCTGCTAGACAAAATAATTTTGCAAAAATTTTCTACATCTAAGTTACCTCATCAG
TAAGTGCCATGTCTCTACCATGCCATCAGAGGCTAATTTCTGTAAAAGTTGTGGAAATTTAGAACAA
ATAGAAAAATAGAGCAGTGTATGTGTGCCAAAACCTCATCATTACTCAAAGGAGAAGTGTGTTAGGCACA
TTTAAGAAAGTTTACATCTGACATTGCTTTATAGGAATTTTCTGCAGATTCGGATATTATAATTCA
CACCATAAAGATTGTGAAGTGGTTATTGGCAAACGTTTGTAAATGTGACCATGTATAAAGTATTTATAC
TCTTTAATTCACACTGTTAGAGAGCAAAATCATCTAAGTATTGCCACATGACAAGATTAGTAAACAGGA
ATACTAGAACTATGTTTGCATGATACACAAGCACCAATAAAGACTAATCCATACACAGTTAACCTAATG
CCAAATAAATACTGGTTAAATAAATGTATGGCACAGAATAAATTTGACTATCAAGACTTTTAGCATAA
TGAAAAACCCCTCTCTATATATATATGTATATGAATTATGTGGGCATTCTTGATCAAGTTCT
AGTTTGAAAAAATACATAACTAATTTAATTTTACACAAAATATTTATGCAGATTTTCAGAATTTTCAT
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TTTAAGCCTGCTGTAGTTGAGTTGCAGACAGTGCATGAAAAAGTATTCCGCTGGGAATTGAGCCATGCC
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AGCACCAGATGAATTGTTGTATATGCTTGTAAAAATTGATTCTGTGTGTTCTCTGAACAAAGCGGAGA
AAATGATGATACCATCAATATTGAAATTAACCTCCAACCTCTCTAATAAAAAATTAACACGCATATA
CACTCGTCAAGAGATTTGCTCCCAAGACACATTCTAGCAATGTTTGCCTTTTTCATATACATGATA
TCATCGTTATTTCAAAGGGGGCTTATTAATACCCTCAGCATGTTTTTACCCAAATGATGCAAAACAT
GCAGATTCTAGTTGACTTCAGTTGTAATAGACTTGTTTTTCTCCTATTTATGATTTGAAGTGGATTCTG
TAAAAATATCTCTTGTCTTAGTTTCTTATCTGTAAAACAGTGGAGTTAGACTACATATCTTTTGGCAC
TAACATCTCATGAAAAATTATGGTTAATAAAAATATCACCACATTTGGATTGCCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCCGCGCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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_182797.3](#)

Summary: The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction of many extracellular signals in the retina. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2010]

Locus ID: 5332

MW: 71.6