

Product datasheet for **SC211637**

PLC delta 3 (PLCD3) (NM_133373) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PLC delta 3 (PLCD3) (NM_133373) Human 3' UTR Clone
Symbol:	PLC delta 3
Synonyms:	PLC-delta-3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_133373
Insert Size:	2000 bp



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Insert Sequence: >SC211637 3'UTR clone of NM_133373
 The sequence shown below is from the reference sequence of NM_133373. 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
TTCATCCAAATCCGCATCCAGCGCTCCAGGGCCACCTCACTCGCCTTGGGGTCTGCGAGTGCCAG
TCCACATCCCCTGCAGAGCCCTCTCCTCCTGAGTCAAGTGGTGGGAGTACCAGCCCCCAGGCCAC
CCACTTGGCCCACTAGCCCAATCACCAGGCGCTGGTCTCACCTGGGTGCTGAGGGCTGCCTGGGCCCC
TCCTGAAGAACAGAAAGGTGTTTATGTGACTTCACTGAGCTCCAACCCTGGGGCCCTGAGATGGCCCCA
GCTCCTCTGTCTCAGCCACCCTCATTGTGACTTATGAGGAGCAAGCCTGTTGCTGCCAGGAGACT
TGGGGAGCAGGACTTGTGGGCCCTCAGTTCCTCTGTCTCCCGTGGGCCATCCAGCCTCCTTCC
CCCAGAGGAGCGCAGTCACTCCACTTGGCCCCGACCCGAGCTTAGCCCCAAGCCCTCCTTACCCCA
GGCCTTCTGACTCCTCCTCCAGCTCCGGAACCTGAGTCCCCTTCCCTTCTCAAAGCAAGAAGGGA
GCCTGAGGCATGAAGCCCTGGGAAACTGGCAGTAGGTTTTGGTTTTATTTTTGAGACAGGGTCTC
GCTCCGTGCGCCAGGCTGGAGTGAATGTTGCAATCATGGCTCACTGCAGCTTGAAGTCCCAGGCTCA
AGCGATCCTCCATCTCAGCCTCCTGAGTAGTGGGACTACAGGCACAGGCCACCAAACCTGGTAAATG
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CCTGACCTCAAGTGATCCTCCTGCCCCAGCATTCCAAAGTGTGGGATTACAGGTGTGAGCCACTGCCT
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GTTTAAAAATAAAGAAGCACGTTGATTTACCACCCGCACTCCCTGAGCACCTCTATGCTGCCACCCC
CACAGGCCCATGAGGAGGACAGGGCTGGATGAGTTTCTGGGCCTCCTCCCTCAACAGGGCATGGACT
TGGCTAAGACAGCCAGGGGGTGGCAGCAGGAGATGCCACAGCTCTAAATAGCCCGATCCCTGCTCCTGG
CTTAAAGCTGCTGCGAGTATCACAAAGACTGTCTGAGGATGCCAATTCAGCAGGTAGCGCCTCCCCACA
ACACACACACACACACACACACACTCACACATACACAGAGGGGCCTTGAATGAGGAGGAGACA
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AGGGCAAATCCCAAGGACACGGGCTTCCCTTCTCCAGCCAGCCAGCCTTTTACAAAAGGCTGGAAAC
GCTGCTTGGGCCGCTCTATAGAAATGCCAGGAGAGCGCACTGGACTAGGCGACAGAATCTGGAGAA
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AGTGCCGGCACTGGACAAGGGCAGAACTTGACATTAGTCCCAGAGGGTGGCCTGGAAGTGGGCTGGGA
TAGGCCTTGAAGTGGCCCAAGCCACAGAAACAAAACACAGGGCTGGGGCAGACTCCACCTTAG
CAACTCCAAGAACTAATGCAGAAAGTGGCAGTGTCCCCGCTCCTTATGCTGGGAGTGGCGTTGGCT
CTGGTTAATTTGTGTGTCTGAAAGAGGATAATCAGAATCAAAGGGCCAGAAAGGAATGGGCCGAGCCA
GGCGGGCCGGCCAGGCAGCCCGGGCATCTGGCACTCAGGGTGTGAGGGTCAAGGCTGCCAAACTGC
AGCCTCAGGATGGGAGGCACAGTGAAGTAAAGTCCAGTTTTAGCAAAATGAAGAGCCATTAGCATTGCC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_133373.5](#)

Summary:

This gene encodes a member of the phospholipase C family, which catalyze the hydrolysis of phosphatidylinositol 4,5-bisphosphate to generate the second messengers diacylglycerol and inositol 1,4,5-trisphosphate (IP3). Diacylglycerol and IP3 mediate a variety of cellular responses to extracellular stimuli by inducing protein kinase C and increasing cytosolic Ca(2+) concentrations. This enzyme localizes to the plasma membrane and requires calcium for activation. Its activity is inhibited by spermine, sphingosine, and several phospholipids. [provided by RefSeq, Jul 2008]

Locus ID:

113026

MW:

71.3