

Product datasheet for **SC203723**

PLCD1 (NM_006225) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PLCD1 (NM_006225) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLCD1
Synonyms:	NDNC3; PLC-III
ACCN:	NM_006225
Insert Size:	307 bp
Insert Sequence:	>SC203723 3'UTR clone of NM_006225 The sequence shown below is from the reference sequence of NM_006225. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCTTTGTGAAGATCTCCCTCCAGGACTAGGCTGGAGGAAGCCAGTGGGGTCCCCCTGAGTGGGCTGG GCCCTCTGTCCACATGTGGGGACAGGGCTGGTGTGGCTGCTCCAGCCTTTGCTCAGAGCTAGGCCCC CAAATTGCCTTCAGCCCTAACATAGTGTCTGCTGCTGCCCTCCCTGGGGACCAGGAGCTAGCCAGTCCC TGGAGCTGTCCTTCATTCCGTTAGGAATAACACTGCAGCCCTCTCCACCCTCCGGCCAGCGAGTGGTCA AGGATTTTATAAAAAATCACGATAAGATTAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_006225.4</u>



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Summary: This gene encodes a member of the phospholipase C family. Phospholipase C isozymes play critical roles in intracellular signal transduction by catalyzing the hydrolysis of phosphatidylinositol 4,5-bisphosphate (PIP2) into the second messengers diacylglycerol (DAG) and inositol triphosphate (IP3). The encoded protein functions as a tumor suppressor in several types of cancer, and mutations in this gene are a cause of hereditary leukonychia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Locus ID: 5333

MW: 11