

## Product datasheet for **SC203724**

### **PLCD1 (NM\_001130964) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PLCD1 (NM_001130964) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLCD1
Synonyms:	NDNC3; PLC-III
ACCN:	NM_001130964
Insert Size:	307 bp
Insert Sequence:	<p>&gt;SC203724 3'UTR clone of NM_001130964</p> <p>The sequence shown below is from the reference sequence of NM_001130964. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG            TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC            CTCTTTGTGAAGATCTCCCTCCAGGACTAGGCTGGAGGAAGCCAGTGGGGTCCCCCTGAGTGGGCTGG            GCCCTCTGTCCACATGTGGGGACAGGGCTGGTGTGGCTGCTCCAGCCTCTTGCTCAGAGCTAGGCCCC            CAAATTGCCTTCAGCCCTAACATAGTGTGCTGCTGCCCTCCCTGGGGACAGGAGCTAGCCAGTCCC            TGGAGCTGTCCTTCATTCCGTTAGGAATAACACTGCAGCCCTCTCCACCCTCCGGCCAGCGAGTGGTCA            AGGATTTTATAAAAAATCACGATAAGATTAA            ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA            CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p>
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:	<u><a href="#">NM_001130964.2</a></u>


[View online »](#)

**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