

## Product datasheet for **SC210281**

### CDIPT (NM\_006319) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CDIPT (NM\_006319) Human 3' UTR Clone  
**Symbol:** CDIPT  
**Synonyms:** PIS; PIS1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_006319  
**Insert Size:** 862 bp

**Insert Sequence:** >SC210281 3'UTR clone of NM\_006319  
 The sequence shown below is from the reference sequence of NM\_006319. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACGCAGCAGACCCGCGCCAAGAAGAAGTGAGCTGGAGCCCCGGGTCTGGCTGCCACCTGCCCTGGG
AGTCTTGCTGTGCCACACAGCTCCCCACCCCTGCTAGGAGGTCCCAGTCTCACGCCTTCCTCATGTGT
TGTTCTACCTGCTGGGATGGGGTCAGCCTCTCTTTGGTGACGTCACGTTCTCTGGGATCCTGAGGACC
CGGGCCTCAAATCAGGGAGGATACGCGGGAGGCCCCCTCCATCCAGGCGGTGCTCCTGGGGTGCCGGGA
CCGGGCAGTGTCACACCTGCCTGCTCAGTCTGGGGTCCGAGATGCTAGGGACGCTTGAGTGAGGGAG
GTGGTGTGAGGGCCAGGTTTCTGAAAGCGGGAGTCAGACCTCCGCCCCAGCCAGAGCAAGCTTGGG
GCACCATGCCAGGAGGGAAGAAGCCATCCACAGCCTTCCTGTCAACCGCTCCTCTGCTCCTGCCTACC
CTGGTCTGGCGGGACTTCACTATTTGACTTGGTTTTCTTTCCAGATATTCTTGGCTCAGGGCCTGGGTT
GAGGGAGCTTAGGGAAGGACGTCCTGCTGGGTGCTTTTCTCCAGTTTGTGGCTGGCTTCTCCGCTA
CCCACAGTGACCTCACAGAGAGGCCCTCCTGCCACCATGCTCATGTGGTGTCCCCACCGCCCACTTGT
TTGATGCTACTGACTGTCTACATGTATTTATATTCTTGATATTTTCTACCCTCACTAGAATGTAACCTC
CATGAAGGCACAGACTTTTCTTGTCTCTCTATCCCTAGAGTAAGACCAACTTGAACCTGGCATAT
AGTAGCTGCTTAATAAATACTCGTGTCAATGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#"><u>NM_006319.5</u></a>
<b>Summary:</b>	Phosphatidylinositol breakdown products are ubiquitous second messengers that function downstream of many G protein-coupled receptors and tyrosine kinases regulating cell growth, calcium metabolism, and protein kinase C activity. Two enzymes, CDP-diacylglycerol synthase and phosphatidylinositol synthase, are involved in the biosynthesis of phosphatidylinositol. Phosphatidylinositol synthase, a member of the CDP-alcohol phosphatidyl transferase class-I family, is an integral membrane protein found on the cytoplasmic side of the endoplasmic reticulum and the Golgi apparatus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]
<b>Locus ID:</b>	10423
<b>MW:</b>	30.7