

## Product datasheet for **SC210306**

### Phospholipase C beta 2 (PLCB2) (NM\_004573) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Phospholipase C beta 2 (PLCB2) (NM\_004573) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PLCB2  
**Synonyms:** PLC-beta-2  
**ACCN:** NM\_004573  
**Insert Size:** 836 bp  
**Insert Sequence:** >SC210306 3'UTR clone of NM\_004573  
 The sequence shown below is from the reference sequence of NM\_004573. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGCAGATGCCCAGGAGAGCCGCCTCTGATGCCCCATCCCCTGGGACATTTAGCAAGGAGGTTTCAG
CCCCTTCTGGGATGTGGTTCTATCCCCCAGGAAAAAGGAGCCCGCCAGCCTTCTGAGGCTGTGGGAAC
CTGTGGCTGCCTTGGACGCTGCAGCCCCCTCAACGGCCAGGCCAGAGTCTGAGACAGGACCCAGGC
ACCCTCACGGCAGGGCCTCTCTGGGCTAGAAGTCTTCTCAAGCTGACTTCTACCTCCCCTCCATC
TCTAGATAAGTGTATATATTTGTTGAGGGCAAAAGACTATGGACTGGAAGGCAGAAAAGTGGGATCTG
GCCCCACTCTGCCTTTCTATTGAGCAACCAGCTCTGGGCTCAGTTTCTCACCTGGAGGTTGGACCC
ACTCACCTCCACTCTAGCCCCGAACCCTCTGCCCCAGGCTTCCAGGCCCATCAGGCCTGCCCTGAGT
TGGCCTTGTTCACTCCTTGGGAGATCCTGGCACTACCTCACAGCTCCCTGGGGACGGCCACTCCCTG
GCTGAGGGCCCTCCCCTCCCCTCTGCCTGTCCGGAACGGGAGGCTGAAATGGAAGGCTGCCTTGGCCC
TGCTTGGCTGAGTCAAGGGGAGTGGGCTCTTGGGTGCTGTTCCACCCTGACCCTGGCTCACCCTC
TTCTAGGCTGGGGCAGGCAGTTCCTACCATGTACCCCTCTCAGGCTGCCTGACCAAGGTCAGC
ATCATTGCTCTCTGAATTTATGAGGTTATTTATTTTCTCTTCTACTCTCTATTAAGAACCTCG
TCCCAGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<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="#">NM_004573.3</a>
<b>Summary:</b>	The protein encoded by this gene is a phosphodiesterase that catalyzes the hydrolysis of phosphatidylinositol 4,5-bisphosphate to the second messengers inositol 1,4,5-trisphosphate (IP3) and diacylglycerol. The encoded protein is activated by G proteins and has been shown to be involved in the type 2 taste receptor signal transduction pathway. In addition, nuclear factor kappa B can regulate the transcription of this gene, whose protein product is also an important regulator of platelet responses. [provided by RefSeq, Jan 2017]
<b>Locus ID:</b>	5330
<b>MW:</b>	30