

## Product datasheet for **SC213327**

### PLA2G5 (NM\_000929) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PLA2G5 (NM_000929) Human 3' UTR Clone
Symbol:	PLA2G5
Synonyms:	FRFB; GV-PLA2; hVPLA(2); PLA2-10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000929
Insert Size:	1249 bp



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**Insert Sequence:** >SC213327 3'UTR clone of NM\_000929  
 The sequence shown below is from the reference sequence of NM\_000929. 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
CAATACTTTCCCAACATCCTCTGTCTCCAGGCCTCCCCAGCGAGCTCTCCAGACCAAGACTTTTTGTT
CTGTTTTTCTACAACACAGAGTACTGACTCTGCCTGGTTCCTGAGAGAGGCTCCTAAGTCACAGACCTC
AGTCTTTCTCGAAGCTTGGCGGACCCCCAGGGCCACACTGTACCCTCCAGCGAGTCCCAGGAGAGTGAC
TCTGGTCATAGGACTTGGTAGGGTCCCAGGGTCCCTAGGCCTCCACTTCTGAGGGCAGCCCTCTGGTG
CCAAGAGCTCTCCTCAACTCAGGGTGGCTGTGTCTTTTTCTCTCTGAAGACAGCGTCTGGCTCC
AGTTGGAACACTTTCCTGAGATGCACTTACTTCTCAGTCTCTGCGATCAGATTATCATCACCACCACC
TCCAGAGAATTTTACGCAAGAAGAGCCAAATTGACTCTCTAAATCTGGTGTATGGGTATTAATAAAAA
TTCATTCTCAAGGCTAATAAAAACCACATTGGCATTTCCTCTGTGTGGGGGATCGCTGGTGCCTCTT
TCTCTGCCACTGGGGCAATAAACCCAAAGATGTCTACATTATCTCGAAACAGAAGGGAAGATTAGTAA
ATGCAGGGTTTTCTGGGATGAGCTTCAGCTTTCTCTGGGCTAATTTTCTTACACCTTGGGGTCTCT
CCAGTATTGGGTCTATTCTTCCCTCGATGGGGTCAGGGAAGATAACTGGTGATTATGCCAGCTTCAGC
TTCCAGGCCAGAGAGGGTGGCATTCAAATCCCAGTGTGGCTTCTCAGCTGTGTGGTCTTGGACCCGT
TACTGAACCTCTTTGACTTTTCAGTCTCTTTGAGAAATAAACTGTCTTGTCTTGCATGTAATAATGAG
ACTTCTAAAGCCACCTTGATGTGATATGGAGAATGCTGAGGTCTAGGATTTACACAGCAGGAATT
TTTTTTAATAGGTGTCAGCTGTGGGGTTATTTTTTACAAAGTAAGGACATTAATAAACCAACCCGT
CTATCAATTCATAAAAGAAAGGATGTTCTGATACCAAGACTGAAAGAAGAAAGGATGATTCCAAAACA
AAGGAACATCCTTCCAAGAAAGGACCTATGGCTTCTTTATTCCGACATACCCCAAATAACTGCATGAT
AAATAGGTCTATATTTAAAAGCTCTAGTGTGCAATGTTTTCAAATAAAATTTAATTTTATGAGATTA
CCCTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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:** [NM\\_000929.3](#)

**Summary:** This gene is a member of the secretory phospholipase A2 family. It is located in a tightly-linked cluster of secretory phospholipase A2 genes on chromosome 1. The encoded enzyme catalyzes the hydrolysis of membrane phospholipids to generate lysophospholipids and free fatty acids including arachidonic acid. It preferentially hydrolyzes linoleoyl-containing phosphatidylcholine substrates. Secretion of this enzyme is thought to induce inflammatory responses in neighboring cells. Alternatively spliced transcript variants have been found, but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

**Locus ID:** 5322

MW: 46.8