


## Product datasheet for **SC317032**

### PLA2G2C (NM\_001105572) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PLA2G2C (NM_001105572) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLA2G2C
Synonyms:	phospholipase A2, group IIC; phospholipase A2, group IIC (possible pseudogene)
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317032 representing NM_001105572. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGCTCATTGCAACTTCCTTCTCTCTTTTTTCTCATCGGTGGTGGCAGCCCCACCCACAGCAGTTTC
TGGCAGTTTCAGAGGAGGGTCAAACACATCACGGGGCGAAGTGCCTTCTTCTCATATTACGGATATGGC
TGCTACTGTGGGCTTGGGGATAAAGGGATCCCCGTGGATGACACTGACAGCCCTCATCTCCCTCTCCC
TACGAGAAGCTGAAGGAGTTCAGCTGCCAGCCTGTGTTGAACAGCTACCAGTTCACATCGTCAATGGC
GCAGTGGTTTGTGGATGCACCTTGGTCTGGTCCAGCTGCCACTGCAGGCTGAAGGCCTGTGAGTGT
GACAAGCAATCCGTGCACTGCTCAAAGAGAGCCTGCCACCTATGAGAAAACTCAAGCAGTTCTCC
AGCCAGCCAGGTGTGGCAGACATAAGCCCTGGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	
ACCN:	NM_001105572
Insert Size:	453 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001105572.1</a></u>
<b>RefSeq Size:</b>	453 bp
<b>RefSeq ORF:</b>	453 bp
<b>Locus ID:</b>	391013
<b>Cytogenetics:</b>	1p36.12
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	alpha-Linolenic acid metabolism, Arachidonic acid metabolism, Ether lipid metabolism, Fc epsilon RI signaling pathway, Glycerophospholipid metabolism, GnRH signaling pathway, Linoleic acid metabolism, Long-term depression, MAPK signaling pathway, Metabolic pathways, Vascular smooth muscle contraction, VEGF signaling pathway
<b>MW:</b>	16.8 kDa