

Product datasheet for **SC203699**

Phospholipase A2 IIA (PLA2G2A) (NM_000300) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Phospholipase A2 IIA (PLA2G2A) (NM_000300) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLA2G2A
Synonyms:	MOM1; PLA2; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2
ACCN:	NM_000300
Insert Size:	296 bp
Insert Sequence:	>SC203699 3'UTR clone of NM_000300 The sequence shown below is from the reference sequence of NM_000300. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC CACTGCAGAGGGAGCACCCCTCGTTGCT TGAGT CCCTCTCCCTGGAAACCTTCCACCCAGTGCTGAAT TTCCCTCTCATACCCCTCCCTACCCTAACCAAGTTCCTTGCCATGCAGAAAGCATCCCTCACC CATCCTAGAGGCCAGGCAGGAGCCCTTCTATACCCACCCAGAATGAGACATCCAGCAGATTCCAGCCT TCTACTGCTCTCCTCCACCTCAACTCCGTGCTTAACCAAAGAAGCTGTA CTCCGGGGGTCTCTTCTGA ATAAAGCAATTAGCAAATCA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_000300.4



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Summary:

The protein encoded by this gene is a member of the phospholipase A2 family (PLA2). PLA2s constitute a diverse family of enzymes with respect to sequence, function, localization, and divalent cation requirements. This gene product belongs to group II, which contains secreted form of PLA2, an extracellular enzyme that has a low molecular mass and requires calcium ions for catalysis. It catalyzes the hydrolysis of the sn-2 fatty acid acyl ester bond of phosphoglycerides, releasing free fatty acids and lysophospholipids, and thought to participate in the regulation of the phospholipid metabolism in biomembranes. Several alternatively spliced transcript variants with different 5' UTRs have been found for this gene. [provided by RefSeq, Sep 2009]

Locus ID:

5320

MW:

10.7