

Product datasheet for **SC203996**

cPLA2 beta (PLA2G4B) (NM_001114633) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	cPLA2 beta (PLA2G4B) (NM_001114633) Human 3' UTR Clone
Symbol:	cPLA2 beta
Synonyms:	cPLA2-beta; HsT16992
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001114633
Insert Size:	313 bp
Insert Sequence:	>SC203996 3'UTR clone of NM_001114633 The sequence shown below is from the reference sequence of NM_001114633. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CAGCGGAGGGCGGCAGCGCAGGCCCCAC TGA TGGCCGGGGCCCTGCCACCCCTAACTCTCATTATTCC CTGGCTGCTGAGTTGCAGGTGGGAAGTGCATCACGCAGTGCTTCAGAGCCTCGGGCTCAGGTGGCAGC GTCCCAGGGTCCAGGCTGAGGGCTGGGAGCTCCCTTGCGCCTCAGCAGTTTGCAGTGGGGTAAGGAGGC CAAGCCATTTGTGTAATCACCCAAAACCCCCGGCCTGTGCCTGTTTTCCCTTCTGCGCTACCTTGAG TAGTTGGAGCACTTGATACATCACAGACTCATAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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:	<u>NM_001114633.2</u>



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Summary:

This gene encodes a member of the cytosolic phospholipase A2 protein family. Phospholipase A2 enzymes hydrolyze the sn-2 bond of phospholipids, releasing lysophospholipids and fatty acids. This enzyme may be associated with mitochondria and early endosomes. Most tissues also express read-through transcripts from the upstream gene into this gene, some of which may encode fusion proteins combining the N-terminus of the upstream gene including its JmjC domain with the almost complete coding region of this gene, including the C2 and cytoplasmic phospholipase A2 domains. [provided by RefSeq, Jul 2008]

Locus ID:

100137049

MW:

11.4