

## Product datasheet for **SC202894**

### AGPAT7 (LPCAT4) (NM\_153613) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** AGPAT7 (LPCAT4) (NM\_153613) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** LPCAT4  
**Synonyms:** AGPAT7; AYTL3; LPAAT-eta; LPEAT2  
**ACCN:** NM\_153613  
**Insert Size:** 524 bp  
**Insert Sequence:** >SC202894 3'UTR clone of NM\_153613  
The sequence shown below is from the reference sequence of NM\_153613. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGCAAGCACCCAAGCAGAAGGGAGACTGAGTGCCTCAGCCTCTCACCCCTCCTCCTCAGGGCAGCGC
TAGGGGCTCCCCTATGCCTCAGCCCCATCTCTGCTCTGTTGAATTTTGTATTGTTGTTGGTTGT
TGTTTTTTAAGTTGATTTTAATTTTTTTGTTGGTTGATTTTTTTGTAAAAAACTATTTTATATATAAA
TATAAATCTATATCTATATCTATTAATAAAAAATGAAGTCCAGTCATATTGATGTTACCATTACTTGGGA
AGGAAAGGGATGAATGGTTGTAGGACGCCCGTTGGAAAATCACAAATGTTTCCAAGGTTCTGCTCTTG
GCCATAGCTGGATGAATCTTCTCTTCGGACAGGGCTCTTCTGACAGAAATCATACTGAGGTTCCA
TATCCTCCCTCTGCTGTCATCTCTATATGTACATTTAACAGACTTCTCGTGAACCTCTTTTCAGC
CCATTCCCTCTTGTCTGCTCCTATTAAGATTAATAAATA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

**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\\_153613.3](#)



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**Summary:** Members of the 1-acylglycerol-3-phosphate O-acyltransferase (EC 2.3.1.51) family, such as AGPAT7, catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA), a precursor in the biosynthesis of all glycerolipids. Both LPA and PA are involved in signal transduction (Ye et al., 2005 [PubMed 16243729]).[supplied by OMIM, May 2008]

**Locus ID:** 254531

**MW:** 19.7