

Product datasheet for **SC206899**

ACYP2 (NM_138448) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACYP2 (NM_138448) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACYP2
Synonyms: ACYM; ACYP
ACCN: NM_138448
Insert Size: 528 bp
Insert Sequence: >SC206899 3'UTR clone of NM_138448
The sequence shown below is from the reference sequence of NM_138448. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAATACTCTAATTTTAGTATTAGATACTAATAGAAGAGAAAAATTGTAACACACTGAACAATAGATACT
GTATGTTCTTAAGACTATGTATACTAGAATAATAGTAGCAGAGTAGGGTGAAAAGGAACTTCTGTCTCT
GAAAGCTAAGCGACTGTACGTGCTACTAAAAATGTCTGACACTGAAATAATTTTACTCAACTATGTTTT
CAACAAGCAAAAAATATAGTATTCTAAGATTAATAATGTCATTACAAAATATTTAGTGTGAACATTTAATT
TAAACTGTCTCATGGAATCTTTAATTTCAATGAACATTACAGCATATATATGTTATTTGGCGAGACAT
CAAATAAAGTTAACCATTTAAAAATTTTTCATATACTGTTGTCTATGTTGAATTATAAAAATCCTCTG
AATAATTTGTTACTACGGTTATTTGTTATTAACCTCTTCAAAAAGAACCAGTGATTAGAAATAAATGTG
ATGATCAATATAACCATAAAATATTATCAACAAAGAGTTTTAAAA
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_138448.4](#)



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Summary: Acylphosphatase can hydrolyze the phosphoenzyme intermediate of different membrane pumps, particularly the $\text{Ca}^{2+}/\text{Mg}^{2+}$ -ATPase from sarcoplasmic reticulum of skeletal muscle. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase on the basis of their tissue localization. This gene encodes the muscle-type isoform (MT). An increase of the MT isoform is associated with muscle differentiation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Locus ID: 98

MW: 20.7