

## Product datasheet for **SC204436**

### ACOT7 (NM\_181864) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ACOT7 (NM\_181864) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ACOT7  
**Synonyms:** ACH1; ACT; BACH; CTE-II; hBACH; LACH; LACH1  
**ACCN:** NM\_181864  
**Insert Size:** 355 bp  
**Insert Sequence:** >SC204436 3'UTR clone of NM\_181864

The sequence shown below is from the reference sequence of NM\_181864. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGACAGGGCCACGCGGAGCCTCAGCCC TAGACTCCCTCCTGCCACTGGTGCCTCGAGTAGCCATGG
CAACGGGCCAGTGTCCAGTCACTTAGAAGTTCCTCCCTTGCCAAAAACCAATTCACATTGAGAGCT
GGTGTGTCTGAAGTTTTTCGTATCACAGTGTTAACCTGTACTCTCCTGCAAACCTACACACCAAAGC
TTTATTTATATCATTCCAGTATCAATGCTACACAGTGTGTCCCGAGCGCCGGGAGGCGTTGGGCAGAA
ACCCTCGGGAATGCTTCCGAGCACGCTGTAGGGTATGGGAAGAACCAGCACCCTAATAAAGCTGCTG
CTTGGCTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**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\\_181864.3](#)



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**Summary:** This gene encodes a member of the acyl coenzyme family. The encoded protein hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of this gene may be associated with mesial temporal lobe epilepsy. Alternatively spliced transcript variants encoding distinct isoforms with different subcellular locations have been characterized. [provided by RefSeq, Jul 2008]

**Locus ID:** 11332

**MW:** 13.2