

Product datasheet for **SC204439**

ACOT7 (NM_007274) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACOT7 (NM_007274) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACOT7
Synonyms: ACH1; ACT; BACH; CTE-II; hBACH; LACH; LACH1
ACCN: NM_007274
Insert Size: 355 bp
Insert Sequence: >SC204439 3'UTR clone of NM_007274

The sequence shown below is from the reference sequence of NM_007274. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGACAGGGCCACGCGGAGCCTCAGCCC TAGACTCCCTCCTGCCACTGGTGCCTCGAGTAGCCATGG
CAACGGGCCAGTGTCCAGTCACTTAGAAGTTCCTCCCTTGCCAAAAACCAATTCACATTGAGAGCT
GGTGTGTCTGAAGTTTTTCGTATCACAGTGTTAACCTGTACTCTCTCTGCAAACCTACACACCAAAGC
TTTATTTATATCATTCCAGTATCAATGCTACACAGTGTTGTCCCGAGCGCCGGGAGGCGTTGGGCAGAA
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_007274.4](#)



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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