

Product datasheet for **SC207678**

ACADS (NM_000017) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACADS (NM_000017) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACADS
Synonyms: ACAD3; SCAD
ACCN: NM_000017
Insert Size: 590 bp
Insert Sequence: >SC207678 3'UTR clone of NM_000017
The sequence shown below is from the reference sequence of NM_000017. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGCATCTGCTCAGGAGTACCGGAGCTGAGCCCGCGGCGACTGCCCCAGGACTGCGGGAAGGCGCGG
GAGCCAGGGGCTCCACCCCAACCCCGGCTCAGAGACTGGGCGCCCGGGGGCTCCCTGGGGACCC
CAGATGGGCTCAGTGCTGCCACCCAGATCAGATCACATGGGAATGAGGCCCTCCGACCATTGGCAGCTC
CGCCTCTGGGCCTTTCCGCCTCCTCACCCTGTGCCTCAAGTTCCCTCATCTAAGTGGCCCTGGCCTCCT
GGGGCGGGGTTGTGGGGGGCTGAGCGACACTCAGGGACACCTCAGTTGTCTCCCGGGGCCCTGGT
GCCCTGGCATGAAGGCCAGTGCACAGGCCCTTGGTGGGTCTGTCTTTTCTTGGAGTCAAGAGTCA
GGAGCAGGGCTGGGGTCAAGATGACGAGGCCCTGGGTCTGGTGTGGCAGGTGGTGGGCTGGGCCA
TGGAGCTGGCCAGAGGCCCTCAGCCCTTTGAAAGTCTGATGAAGGCAGGGTGGTGATTGATGCTG
TGTGACTGACTGTGGTAATAAACACACCTGTCCCCCA
ACGCGTAAGCGCCCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online »](#)

RefSeq: [NM_000017.4](#)

Summary: This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with short-chain acyl-CoA dehydrogenase (SCAD) deficiency. Alternative splicing results in two variants which encode different isoforms. [provided by RefSeq, Oct 2014]

Locus ID: 35

MW: 20.6