

## Product datasheet for **SC211092**

### ACADM (NM\_000016) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ACADM (NM\_000016) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ACADM  
**Synonyms:** ACAD1; MCAD; MCADH  
**ACCN:** NM\_000016  
**Insert Size:** 946 bp  
**Insert Sequence:** >SC211092 3'UTR clone of NM\_000016  
The sequence shown below is from the reference sequence of NM\_000016. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGTGAACACATTGACAAGTACAAAAATTAATAAAAAATTACTGTAGAAAATTTGAATAACTAGAACACAAG
CCACTGTTTCAGCTCCAGAAAAAAGAAAGGGCTTAAACGTTTTTCCAGTGAAAAACAAATCCTTTATA
TTAAATCTAAGCAACTGCTTATTATAGTAGTTTATACTTTTGCTTAACTCTGTTATGTCTCTTAAGCAG
GTTTGTTTTTATTAATAATGATGTGTTTTCTTTAGTACCCTTTACTTGAATTACATTAACCTAGAAAA
CTACATAGGTTATTTGATCTCTTAAGATTAATGTAGCAGAAATTTCTTGGAAATTTATTTTTGTAATG
ACAGAAAAGTGGGCTTAGAAAAGTATTCAAGATGTTACAAAATTTACATTTAGAAAATATTGTAGTATTT
GAATACTGTCAACTTGACAGTAACCTTTGTAGACTTAATGGTATTATTAAGTTCTTTTTATTGCAGTTT
GGAAAGCATTTGTGAAACTTTCTGTTTGGCACAGAAACAGTCAAATTTGACATTCATATTCTCCTAT
TTTACAGCTACAAGAATTTCTGAAAAATCTTATTTAATTCTGAGCCCATATTTCACTTACCTTATTTA
AAATAAATCAATAAAGCTTGCCTTAAATTTATTTTATATGACTGTTGGTCTCTAGGTAGCCTTTGGTCT
ATTGTACACAATCTCATTTCATATGTTTGCATTTTGGCAAAGAATTAATAAAATTTGTTCAAGTCTTAT
TATCATATCTTTCTGTATTTTTTCCAGGAAATTTCACTTCTCGTGAATAGTGTATATTTCTTGTATT
TACTATGATGAAAAAGGTGTTTTAATTTTGAATTGAATAAAGTTACCTGTTTCTTTTATTAGATA
TTTTAAAGACTTCAGAAAATATAAATATGAAAATAATTTAAGAACCCAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_000016.6</a>
<b>Summary:</b>	This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	34
<b>MW:</b>	38