

Product datasheet for **SC211093**

ACADM (NM_001127328) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACADM (NM_001127328) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACADM
Synonyms: ACAD1; MCAD; MCADH
ACCN: NM_001127328
Insert Size: 946 bp
Insert Sequence: >SC211093 3'UTR clone of NM_001127328
The sequence shown below is from the reference sequence of NM_001127328. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGTGAACACATTGACAAGTACAAAAATTAATAAAAAATTACTGTAGAAAATTTGAATAACTAGAACACAAG
CCACTGTTTCAGCTCCAGAAAAAAGAAAGGGCTTTAACGTTTTTCCAGTGAAAACAAATCCTTTATA
TTAAATCTAAGCAACTGCTTATTATAGTAGTTTATACTTTTGCTTAACTCTGTTATGTCTCTTAAGCAG
GTTTGTTTTTATTAAAAATGATGTGTTTTCTTTAGTACCCTTTACTTGAATTACATTAACCTAGAAAA
CTACATAGGTTATTTGATCTCTTAAGATTAATGTAGCAGAAATTTCTTGGAAATTTATTTTTGTAATG
ACAGAAAAGTGGGCTTAGAAAAGTATTCAAGATGTTACAAAATTTACATTTAGAAAATATTGTAGTATTT
GAATACTGTCAACTTGACAGTAACCTTTGTAGACTTAATGGTATTATTAAGTTCTTTTTATTGCAGTTT
GGAAAGCATTTGTGAAACTTTCTGTTTGGCACAGAAACAGTCAAATTTGACATTCATATTCTCCTAT
TTTACAGCTACAAGAATTTCTGAAAAATCTTATTTAATTCTGAGCCCATATTTCACTTACCTTATTTA
AAATAAATCAATAAAGCTTGCCTTAAATTTATTTTATATGACTGTTGGTCTCTAGGTAGCCTTTGGTCT
ATTGTACACAATCTCATTTCATATGTTTGCATTTTGGCAAAGAATTAATAAAATTTGTTCAAGTCTTAT
TATCATATCTTTCTGTATTTTTTCCAGGAAATTTCACTTCTCGTGAATAGTGTATTTCTTGTATT
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).



[View online »](#)

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_001127328.3
Summary:	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]
Locus ID:	34
MW:	38