

## Product datasheet for **SC207243**

### ACAD9 (NM\_014049) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ACAD9 (NM_014049) Human 3' UTR Clone
Symbol:	ACAD9
Synonyms:	MC1DN20; NPD002
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014049
Insert Size:	537 bp
Insert Sequence:	>SC207243 3'UTR clone of NM_014049 The sequence shown below is from the reference sequence of NM_014049. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGTGCCACCCTCTGGACAGGACATGCTTGAGGCAGGGGACAGTGTCCCCTGCTACCGCCCGCCCTACC
CATGGCCCGTTGCTGGATGACTGTTACTCTTTTTTCAGAAAGTGTGGGATTATCACAGTTAAGCCTT
TTGTTCCCGTCTGCACCTGAAGGGTTGTCGCTGGCCTGGGAGAGCCTTCCAGGTTTTGACCTGCA
GGCAGTGTCTCTAACAGGACCATCACAGCTTCTGAACTGAGCCGAGAGAGAGAATGGAATTGCTGAC
CCCTGAACTGGCGGGTATTCTGGTCATTGAGGAGACACCATAGTGGAACTGGGGCTTATGCTGCTGC
CTCCAGGGTGTGAGGTGGTGGGACCTGTGTCAGGTGTGGATAGCCATTCTGCTCAACACACATTC
TCTAAGAAACAGCTTGAAGCTCTGTCTGGGTCATTCAATTTAACTAGAAAGCAGAGGCACTTAAACAT
GTACCAGGAACATTTAAACAAAGAATATAAAATGTCACAATCTGTGACTGTTA
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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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_014049.5</a>
<b>Summary:</b>	This gene encodes a member of the acyl-CoA dehydrogenase family. Members of this family of proteins localize to the mitochondria and catalyze the rate-limiting step in the beta-oxidation of fatty acyl-CoA. The encoded protein is specifically active toward palmitoyl-CoA and long-chain unsaturated substrates. Mutations in this gene cause acyl-CoA dehydrogenase family member type 9 deficiency. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]
<b>Locus ID:</b>	28976
<b>MW:</b>	20.6