

Product datasheet for **SC208503**

ACAD10 (NM_001136538) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACAD10 (NM_001136538) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACAD10
ACCN: NM_001136538
Insert Size: 656 bp
Insert Sequence: >SC208503 3'UTR clone of NM_001136538
The sequence shown below is from the reference sequence of NM_001136538. 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
GCCAAGCTAGAGCTGAAGCACCGCATTAGAGCCTTGGGGCTGCAGTGGCTCAATGTCCTGGCTGGTCC
AGCTGTGCCAGATCTGTCACTGATGTGCCTCGAAAGATCCGGTGTGGTCTCTGCACCTGTCTCA
GCAGCTCTGTCCCGGACAGTCAGGGTGGACTCAATCTTTCTGGTTCTCCACAGAAGACGTCTCTGCAA
GAAGCCTGGAGTCTGTTTCAGGCCAGGAGAGGGGATTTGCTGAGGGCCAAGGGGTTCTGGGACAGAG
TCTGAAAAGCTGGTCTTCAGGCTCTCAGTCCCAGGCTGGGCAGGCACGGTCACTTCACTTCAGCCTTTC
AGTCCCTCTCTCTGCCTGTGGGAATCTGGACACATTTTGGGAGGCCTCCCAAGGCTGTGGGACGTGC
TTGCTCTGGCAGCTGCAGGGTCTGTCTGGCCTCCCTGGTGAGCAGAGGGGGCGGCCACGGCGGGCGGT
GGCCTAGAGACCCAGGACCTGGGCGCCTGGGAAAATGGAATGCAACCCACATTGTAAGCCACTGGCAT
CTGATTATCTCCATTTGAACACACAGCACAGAACAATCATTTAAATGTTATTTGGAAAGGGTTTTGG
GGACACAGAAGAATAAGTAAACACATCTCGGAGGC
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

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_001136538.2](#)



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Summary: This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes (ACADs), which participate in the beta-oxidation of fatty acids in mitochondria. The encoded enzyme contains a hydrolase domain at the N-terminal portion, a serine/threonine protein kinase catalytic domain in the central region, and a conserved ACAD domain at the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Nov 2008]

Locus ID: 80724

MW: 23.2