

Product datasheet for **SC212030**

ACADL (NM_001608) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACADL (NM_001608) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACADL
Synonyms: ACAD4; LCAD
ACCN: NM_001608
Insert Size: 1068 bp
Insert Sequence: >SC212030 3'UTR clone of NM_001608
The sequence shown below is from the reference sequence of NM_001608. 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
ATTGCAAGAGAGATTGTCTTTGACAAGTAGACATCTGCCACATCCTGGAGTCTATTACAGCTAATCT
CGTTTTAAATCTGCTCAAGATAAAATGTAACCTGGAAAGCGAGGAAACACTAAACATGTTTTACCTGC
TCTCTCTATAGAGAAGGAAATAAAATATAAATATAAGATTAACACAGTGGAAAGGACAAATCTTTGAAGC
CAAAATCTAGTTTTCCAATATAAGGTTTAACTTACAGTTTTTTATGTAGCCAAAGGTAACGGTTTTTC
TGAATCTTGCCTAGGTGTTTCATTTATCTCTAAAATTCTAAAAAGCATAAATCATTCAAATCTTCAAAC
CAAGGCAGAAATAATTTTATGTCGCTATAGTATAAAAACATTAATAAGATAGCACATTGACTTTTAAAG
GGAAAAGTAAATATAACTTAGCATGTAACCTATTTTCGGCTACCATTTGCTCCAAATCCCTAGAACAG
TGGTTTTTACCACTGACTCCAACCCCGTTTTTAAAGCAATGGAACCTCTTCTTCAAACAAAAGCTTATG
CAGAACATCTCTGTGAAACGCTGCTGAGTGAGAACTGCTTTCATTGAAGCTGGAAGCCATCATACCTTA
CTGCCTTGAACCCCTAGGACTCAGCTAAGTATTTGCCTAACCTGACCAGGGAATGCCTTGGTTCTGT
CAATTGCTGACATCTGAGAACACAGAATAATCCATCATTTTTAATTTCAAGATATTGGTACATTTTATA
GGTATCAAAGCAATGGCTTTTCTTTTGCAACAGTTAATGTATTTATTAACCTAATAAATTACTTTATGTC
TTCTATAAACAGGCTGTTAATACAATGATGACAAAACAAAAGTGGCAAGATCACTAAAAAATAAGTGAA
TAAACAAATAAGTAGTAAATAAGGTAAGAAGTAAATATGTAAGAGATAATTTCAAGCATAAGTGCA
ATGTAATAATAAAGTAAAGCATTAAAATTCAAAGTGAAGAAATGACATTTGATTTAAGACTTAAAG
TAATTACAAAAATAAACCTAATTTAAAGTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_001608.4</u>
Summary:	The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia. [provided by RefSeq, Jul 2008]
Locus ID:	33
MW:	41.5