

Product datasheet for **SC202267**

ACADVL (NM_001033859) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ACADVL (NM_001033859) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACADVL
Synonyms:	ACAD6; LCACD; VLCAD
ACCN:	NM_001033859
Insert Size:	199 bp
Insert Sequence:	>SC202267 3'UTR clone of NM_001033859 The sequence shown below is from the reference sequence of NM_001033859. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGGTCACCAGCAACCCACTTGGCTTCTGAATACTCCCGCCAGGGCCTGTCCCAGTTATGTGCCTTCC CTCAAGCCAAAGCCGAAGCCCTTTCTTAAGGCCCTGGTTTGTCCGAAGGGCCTAGTGTTCACAG ACTGTGCCTGCTCTCAAGAGCACTTACTGCCTCGCAAATAATAAAAATTTCTAGCCAGTCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_001033859.3</u>



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Summary: The protein encoded by this gene is targeted to the inner mitochondrial membrane where it catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A dehydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in this gene product reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 37

MW: 7.1