

## Product datasheet for **SC215225**

### ACSL1 (NM\_001995) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ACSL1 (NM_001995) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACSL1
Synonyms:	ACS1; FACL1; FACL2; LACS; LACS1; LACS2
ACCN:	NM_001995
Insert Size:	1560 bp



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**Insert Sequence:** >SC215225 3'UTR clone of NM\_001995  
The sequence shown below is from the reference sequence of NM\_001995. 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
GATGACCTCTATTCCACTATCAAGGTTTAGTGTGAAGAAGAAAGCTCAGAGGAAATGGCACAGTTCCAC
AATCTCTTCTCCTGCTGATGGCCTTCATGTTGTTAATTTGAATACAGCAAGTGTAGGGAAGGAAGCGT
TCGTGTTTGACTTGCCATTCGGGGTCTTCTCATAGGAATGCTAGAGGAAAGAGAACACTGCCTTACA
GTCACCTCATGTTGCAGACCATGTTTATGGTAATACACACTTTCCAAAATGAGCCTTAAAAATTGTAAA
GGGGATACTATAAATGTGCTAAGTTATTTGAGACTTCTCAGTTTAAAAAGTGGGTTTTAAATCTTCTG
TCTCCCTGTTTCTAATCAAGGGGTTAGGACTTTGCTATCTCTGAGATGTCTGCTACTTGCTGCAAAAT
TCTGCAGCTGTCTGCTCTAAGAGTACAGTGCCTAGAGGGAAGTTCCTTTAAAAATAAGAAC
AACTGTCTGGCTGGAGAATCTACAAGCGGACCAGAGATCTTTTAAATCCCTGCTACTGTCCCTTCT
CACAGGCATTACAGAACCCTTCTGATTGTAAGGGTTACGAAACTCATGTTCTTCTCCAGTCCCTGT
GGTTTCTGTTGGAGCATAAGGTTTCCAGTAAGCGGGAGGGCAGATCCAACCTCAGAACCATGCAGATAAG
GAGCCTCTGGCAAATGGGTGCTCATCAGAACGCGTGGATTCTCTTTCATGGCAGAATGCTCTTGGACTC
GGTTCTCCAGGCCTGATTCCCGACTCCATCCTTTTTCAGGGGTTATTTAAAAATCTGCCTTAGATTCT
ATAGTGAAGACAAGCATTTCAGAAAGAGTTACCTGGATCAGCCATGCTCAGCTGTGACGCTGAATAA
CTGTCTACTTTTCTTCACTGAACCACTCACTCTGTGTAAGGCCAACAGATTTTAAATGTGGTTTTCA
TATCAAAAGATCATGTTGGGATTAACCTTGCCTTTTCCCAAAAAATAAACTCTCAGGCAAGCATTCT
TTAAAGCTATTAAGGGAGTATATACTTGAGTACTTATTGAAATGGACAGTAATAAGCAAATGTTCTTAT
AATGCTACCTGATTTCTATGAAATGTGTTTGACAAGCCAAAATCTAGGATGTAGAAATCTGGAAAGTT
CATTTCTGGGATCACTTCTCCAGGGATTTTTTAAAGTTAATTTGGGAAATTAACAGCAGTTCACCTT
ATTGTGAGTCTTGGCACATTTGACTGAATTGAGCTGTCATTTGTACATTTAAAGCAGCTGTTTTGGGG
TCTGTGAGAGTACATGTATTATATAACAAGCACACAGGGCTTGCCTAAAGAATTGTCATTGTAATAAC
ACTACTTGGTAGCCTAATTCATATATGATTCTTAATTGCACAAAAAGTCAATAATTTGCACCTTGG
GGTTTTGAATGTTTGCTTAAAGTGTGGCTATTTCTATGTTTTATAAACCAAAACAAAATTTCCAAAA
CAATGAAGGAAACAAAATAAATATTTCTGCATTTAGGTGA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGAGATTTGATTCCACCGCCG
```

**Restriction Sites:** SgfI-RsrII

**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\\_001995.5](#)

**Summary:** The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]

Locus ID: 2180

MW: 58.5