

Product datasheet for **SC215257**

ACSF3 (NM_174917) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ACSF3 (NM_174917) Human 3' UTR Clone
Symbol:	ACSF3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_174917
Insert Size:	1660 bp



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Insert Sequence: >SC215257 3'UTR clone of NM_174917
The sequence shown below is from the reference sequence of NM_174917. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCGCTCATCAGGCACTTCACCCCTCATGACCCGGCAGACTGGGACTGCGGGTCTGGTGGGAGCAGCA
GACGTCCCTTACACCGAGAACCACGGGGGCCGTCCAAGACCTGGCCTCCCTTAAACCTGAACCCCC
CAAATCAGGTACGTAGAATCAAGAACTGTTTGGGATGAAATCACCATGTGGGTCCCCAGCCTCGGGC
CAGTTGTTGCAGCTCAAGGAGACCGTCCCTGGTGTACCTCTGCCTGGTACCGCCGACCTCATCTGTG
CAGCGCGGTGCAGCCAGCCCTGGCCCCACGTGCTGAGGCACCTCCCGCCCCACAGTGCCCTGCAGTTG
CCAGGCTCTCCAGGCAGGTCCCAGAGGTTTCCACAAAAACAAAGACTCCACTGGAGGAAACAAGCC
CCTGTCCCACGCCGTCTGCACGTGCCTGTGCCTACCCAGAGCCAGTGTCTCCCGGCCACATAGGAGG
TCTGGGCAGCCACCCAGGGGGCCCTCCTGGGAGGAGCTGAGGGTTCACAAGCCTCCAGAACCAGCCCT
GTCCCATGGGTTCCGTGCATTTCTGTGTCTGCTTGGAGGAGAGCAGCTCCCACTGTGGGGACACCT
GCCACCTGCACACTACTGTGTGTCATCAGCATGTGTACAGAAAGTGCCTGGACGGATGGCCCCGGA
GCTGCTCTGCCGTGACCTGCCTACCCCCCAGCGCAGGACTTTCAGGTATCTCCACACCAGCCCC
TCAGCCGTGAACCTCTCTCCCATCACGTCTCCACCAGACCCCCACCTGCCCATGGCCCCATTT
CATGTCTGTGGCTCACCAGCTTTTCCCCAGACCAGCTCCGGAGCCACAGGCGTGGCCGATGCAGAAA
CCTCAGGAAGGTGTTGTGAATGTTGGGTGCACCCACGTTGCATTTACTTAGCGGGGCAATTAGAT
GCACAGGGGCCACATGCAGAATCCAGAAGTTTCTGGACAATTTTCAAGAATAGGCTGCCTCCTCCCC
ACAGCCTGGGGGAAGTAACAGTCATCGCCAGCAGTGTCTGGCCTGAACCTACCCAGAATCTGCCC
CCGGAATGCAGTCTGAAAGAGTGGCCAGAAACAGTGTGCCGGGCAGGAGGCCAGCCCCATCTCAGGC
TCACGTGCCTCTGACAGGAGACCAGCCCCATCTCAGGCTCACATGCCTCGCGGACAGTTGGACGTGGCC
TGGGGCCCTGTCTCACTTGAGCATGTGCGCCACCAAGCTTGTCTGAGGCCACAGAGCAGCGTCCCAGCC
CTGTTTTCCAGGACTGGTGGGTGCCCGAGTCCACGGCCCTGCCCAACCGAACTCTGCCTCAGGTGT
GGCCTTGTGCATCCCCATGGCCTGACCCCGGGAACAGTCAGAGGAAGGGTCCCGCCCTCCCGCCAGAG
GCCTGGACCCAAGGGAACGGCAGTCAGAGACTACAGTCCAGACGTTTGTGTCTAGGCCTTGTGTAGC
TAAGGAAATGCCTTCTGTTGGGAAAAGTCAAATTTAACATAGCAAAATTTTACTTAATCCACTAAT
TTTACATTTGCATCTCTCTCTTAATCCTGAACTTTTGATTCTAAAAAGCTTACATAATCATTTGC
TTTA
ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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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_174917.5

Summary: This gene encodes a member of the acyl-CoA synthetase family of enzymes that activate fatty acids by catalyzing the formation of a thioester linkage between fatty acids and coenzyme A. The encoded protein is localized to mitochondria, has high specificity for malonate and methylmalonate and possesses malonyl-CoA synthetase activity. Mutations in this gene are a cause of combined malonic and methylmalonic aciduria. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Sep 2013]

Locus ID: 197322

MW: 60