

Product datasheet for **SC205132**

ACSF3 (NM_001127214) Human 3' UTR Clone

Product data:

| | |
|---------------|---|
| Product Type: | 3' UTR Clones |
| Product Name: | ACSF3 (NM_001127214) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | ACSF3 |
| ACCN: | NM_001127214 |
| Insert Size: | 1660 bp |



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Insert Sequence: >SC205132 3'UTR clone of NM_001127214
 The sequence shown below is from the reference sequence of NM_001127214. 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
GCGCTCATCAGGCACTTCCACCCCTCATGACCCGGCAGACTGGGACTGCGGGTCTGGTGGGAGCAGCA
GACGTCCCTTACACCCGAGAACCACGGGGCCCGTCCAAGACCTGGCCTCCCTTAAACCTGAACCCCC
CAAATCAGGTCACGTAGAATCAAGAAGTGTGGGATGAAATCACCATGTGGGGTCCCCAGCCTCGGGC
CAGTTGTTGCAGCTCAAGGAGACCGTCCCTGGTGTACCTCTGCCTGGTACCAGCCGACCTCATCTGTG
CAGCGCGGTGCAGCCAGCCCTGGCCCCACGTGCTGAGGCACCTCCCGCCCCACAGTGCCTGCAGTTG
CCAGGCTCTCCAGGCAGGTCCCAGAGGTTTCCACAAAAACAAAGACTCCACTGGAGGAAACAAGCC
CCTGTCCCACGCGTCTGCACGTGCCTGTGCCTACCCAGAGCCAGTGTCTCCCGGCCACATAGGAGG
TCTGGGCAGCCACCCAGGGGCCCTCCTGGGAGGAGCTGAGGGTTCACAAGCCTCCAGAACCAGCCCT
GTCCCATGGGTTCCGTGCATTTCTGGTGTGCTTGGAGGAGAGCAGCTCCCACTGTGGGGACACCT
GCCACCCTGCACACTACTGTGTGCCATCAGCATGTGTACAGAAAGTGCCTGGAGGATGGCCCCGGA
GCTGCTCTGCCGTGACCTGCCTCACCCCCAGCGCAGGGACTTCCAGGTATCTCCACACCAGCCCC
TCAGCCGGTGAACCTCTCTCCCATCACCGTCTCCACCCAGACCCCACTGCCCATGGCCCCATTT
CATGTCTGTGGCTCACCAGCTTTTCCCCAGACCCAGCTCCGGAGCCACAGGCGTGGCCGATGCAGAAA
CCTCAGGAAGGTGTTGTGAATGTTGGGTGCACCCACGTTGCATTTACTTAGCGGGGCAATTAGAT
GCACAGGGGCCACATGCAGAATCCAGAAGTTTCTGGACAATTTTTCAGAAGAATAGGCTGCCTCCTCCCC
ACAGCCTGGGGGAAGTAACAGTATCGCCAGCAGTGTCTGGCCTGAACCTTACCCAGAATCTGCCC
CCGGAATGCACGTCTGAAAGAGTGGCCAGAACGAGTGTGCCGGGCAGGAGGCCAGCCCCATCTCAGGC
TCACGTGCCTCTGACAGGAGACCAGCCCATCTCAGGCTCACATGCCTCGCGGACAGTTGGACGTGGCC
TGGGGCCCTGCTCACTTGAATGTGCGCCACCAAGCTTGTCTGAGGCCACAGAGCAGCGTCCCAGCC
CTGTTTTCCAGGACTGGTGGGTGCCCCAGTCCACGGCCCTGCCCAACCCGAACTCCTGCCTCACGGTGT
GGCCTTGTGCATCCCATGGCCTGACCCCGGGAACAGTCAAGGAAGGGTCCCAGCCCTCCCGCCAGAG
GCCTGGACCAAGGGAACGGCAGTCAAGACTACAGTCCAGACGTTTGTGTCTAGGCCTTGTGTAGC
TAAGGAAATGCCTTCTGTTGGGAAAAGTCAAATTTAACATAGCAAAATTTTACTTAATCCACTAAT
TTTACATTTGCATCTCTCTCTTAATCTGAAACTTTTATTCTAAAAGCTTACATAATCATTTGC
TTTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_001127214.4](#)

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