

## Product datasheet for **SC209762**

### ACSL6 (NM\_001009185) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ACSL6 (NM_001009185) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACSL6
Synonyms:	ACS2; FACL6; LACS2; LACS5; LACS 6
ACCN:	NM_001009185
Insert Size:	2000 bp



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**Insert Sequence:** >SC209762 3'UTR clone of NM\_001009185  
The sequence shown below is from the reference sequence of NM\_001009185. 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
ATAGAAGAGCTTTACTCAATCTCCATGTGAAGTTCAAGGAAAGTTCTTCTCAGTGTAACTGACTGTCTA
GCAATATTATAGTTATTCTTGAAGTAATGAGTCAAAATGACACAGCTGAAAATGAATAAGCATCTGAT
TTTATGACTGAGCCTTTTCTGTCCCAAGAGGTCTTTAACAATATTTTCTCTATCATCAATGAGTATAT
TTTATTTTTATTAAAAATGATATTGGTGGACTGCTAAAAATACACAAATGGCAATGTAAAAATC
AAGACATTTTCTCAAGAACTGTGTACCACTAAAAGTAATATATTGTCAATGTTACAGAACTATTAAC
ATAAAGGAAAAACATAAGTGATATATTCTACTTAATTATTTGTGAATCAGTAACCCAGATGCAGCAAATA
TCTAGGCAATGTGGACTACCTCATTGTAAGTATTGTCAAAATCACAATTAATCAGACTTCAAAAA
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CTTTAAACATGACAATCCACATTGTCATATGTGAAAATTTTCTCTCTGATTTTTACTTTTCATTTCATGAA
AAATGAAAATTCAGAAATCTTTTTTCTTTTTGTTTTGAGACAGGGTCTGCTCTGTCCCTAGGCTG
GAGTGCAGTGGCTTAATCATGGCTCATTGCAGTCTCCATCTCCTGGGCTCGAGTGATCCTCCTGTCTCA
CCTCCCAAGTAGCTGAGACTACAGTACAGGCACATGCCACCACACCTGGCTAATAGAAAATTTTTTTTT
AGAGATTTTGCTCAGGCTGGTCTCAAACCTGAGCTCAAGGGATCCTCCCGCTTGGCCTCCCTAAGT
GCTAGGATTACAGGCATGAGCCATTGTTCCAGCCAAATTCAGATATTATTAACACATGTCATATTT
ATATAGTAACTTACAAAGACCTTTCAATACATTTTCTCATTATTAAGCTCATTAAAGTATTCAGGAAC
TACCTAGAAAAATATAATGTAACACTATTCAAGGATAGTGTGTGATGTTTCATGGACTTCTATTATA
ATGAATTTCTAAAAGACATCTGTTGACTCTACAATGAATGGATCCTTGAGGAATACTTGGGAGAAGAAAC
TCAGAGTTATTTCTCAGGGTAGGCAGCAATTAATGTACCTACATTCTTGTGGGGTCTTCTAGTCTTC
CATTCCCAATGTGCCATGCTATGCCTGGAAACCTTATATGGTTGTAATTCGAACAATTCACATTTTT
TTCCAGTAAGAATATCAAGGCAGAAGGTGGGAAGGAGGGGACATTATTTCCAGGGAAGTATTTTCA
ACAATATAACTTTGATAAACCTTTTAAAATGCCCAAGAAAACTTTTAAAGTCCATAGACAAAGAAAT
ACTGCCTAATGGCATAATTACATTCCTAAAATCTTTAAGCGTGCCGAAGTTAACTAAACCTCCT
TTCTTGCAATATGATTTAGATGCACCCTGATTGGGGTGTCAACAATTTCTTATAATTAAGGCCAGA
TACCATGGACAGCAATTAAGTTCCAAGCTATAGATTGTGCCTCTGAAAAGGCATGGACCCAGGAACG
TGTTTTCTTCTGTAGAGACAAGACTCTAAAAGCATATCAACAATCCATATGCAATTCATGTGTTAATT
TAAAATGTATGTGCTCAGTGTGTAGTCTAGAAGCTCCTTTCCCTTGGAGGAATGCCAAGCAGTTTGC
AAAAATAAATGCTGTTAGTTAAAAACCACATAATCACATGGGCCTACTGAATAAATATGCATCAGTGAT
TATATACTTATATTTGAGTCTTGTCAAAGTGAATCACTGTTTCAATTTGATGATTTACCCAGTCTTTT
TATCCAGTTTTTCTTGGGCATATCTCTCTGAAGACCCACTGTTGCACTTCTAAATTTGACAGTTAAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
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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\\_001009185.3](#)

**Summary:** The protein encoded by this gene catalyzes the formation of acyl-CoA from fatty acids, ATP, and CoA, using magnesium as a cofactor. The encoded protein plays a major role in fatty acid metabolism in the brain. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute myelogenous leukemia with eosinophilia, and acute eosinophilic leukemia. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2011]

**Locus ID:** 23305

**MW:** 76.9