

Product datasheet for **SC212013**

ACSL5 (NM_016234) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACSL5 (NM_016234) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACSL5
Synonyms: ACS2; ACS5; FACL5
ACCN: NM_016234
Insert Size: 1048 bp
Insert Sequence: >SC212013 3'UTR clone of NM_016234
The sequence shown below is from the reference sequence of NM_016234. 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
GACAGCCTGTATGAGCACATCCAGGATTAGGATAAGGTACTTAAGTACCTGCCGCCACTGTGCACCTG
CTTGTGAGAAAAATGGATTA AAAACTATTCTTACATTTGTTTTGCCTTTCCTCCTATTTTTTTAACT
GTTAAACTCTAAAAGCCATAGCTTTTGTATATTGAGACATATAATGTGTAAACTTAGTCCCAAATA
AATCAATCCTGTCTTTCCATCTTCGATGTTGCTAATATTAAGGCTTCAGGGCTACTTTTATCAACATG
CCTGTCTTCAAGATCCCAGTTTATGTTCTGTGCTTCCTCATGATTTCCAACCTAATACTATTAGTA
ACCACAAGTTCAAGGGTCAAAGGACCCTCTGTGCCTTCTTTGTTTTGTGATAAACATAACTTGCC
AACAGTCTCTATGCTTATTTACATCTTCTACTGTTCAAATAAGAGATTTTTAAATTCTGAAAACTGC
TTACAATTCATGTTTTCTAGCCACTCCACAACTAAATTTAGTTTTAGCCTATCACTCATGTCA
ATCATATCTATGAGACAAATGTCTCCGATGCTCTTCTGCGTAAATTAATTTGTGACTGAAGGGAAAAG
TTTGATCATACCAAACATTTCTAACTCTCTAGTTAGATATCTGACTTGGGAGTATTA AAAATTTGGG
CTATGACATATTGTCCAAAAGGAATGCTGTTCTTAAAGCATTATTTACAGTAGGAACTGGGGAGTAAAT
CTGTTCCCTACAGTTTGCTGCTGAGCTGGAAGCTGTGGGGGAAGGAGTTGACAGGTGGGCCAGTGAA
TTTTCCAGTAAATGAAGCAAGCACTGAATAAAAACCTCCTGAACTGGGAACAAAGATCTACAGGCAAGC
AAGATGCCACACAACAGGCTTATTTCTGTGAAGGAACCACTGATCTCCCCACCTTTGGATTAGAG
TTCCTGCTCTACCTTACCCACAGATAACACATGTTGTTTCTACTTGTAATGTAAAGTCTTTAAATAA
ACTATTACAGATA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_016234.4</u>
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. This isozyme is highly expressed in uterus and spleen, and in trace amounts in normal brain, but has markedly increased levels in malignant gliomas. This gene functions in mediating fatty acid-induced glioma cell growth. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	51703
MW:	40.4