

## Product datasheet for **SC201224**

### ACOT1 (NM\_001037161) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ACOT1 (NM_001037161) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACOT1
Synonyms:	ACH2; CTE-1; LACH2
ACCN:	NM_001037161
Insert Size:	171 bp
Insert Sequence:	>SC201224 3'UTR clone of NM_001037161 The sequence shown below is from the reference sequence of NM_001037161. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CACGAGGGGACAATCCCATCAAAGTGTAATTTATTTGATCATGTGGCCTCTCTGTTGCTAATCTCT CCTGGAAACATCTGCCACATTTAGTGTGTGTATGTGATTTCATTCTTTCTATAACTTCTTAAAGTTTC TTCCCCTCATTATTAATAATGAATTTACCAGTAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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><a href="#">NM_001037161.2</a></u>
Summary:	Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating intracellular levels of acyl-CoAs, free fatty acids and CoASH. More active towards saturated and unsaturated long chain fatty acyl-CoAs (C12-C20).[UniProtKB/Swiss-Prot Function]



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Locus ID: 641371

MW: 6.3