

Product datasheet for **SC201939**

Acyl coenzyme A Thioesterase 4 (ACOT4) (NM_152331) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Acyl coenzyme A Thioesterase 4 (ACOT4) (NM_152331) Human 3' UTR Clone
Symbol:	Acyl coenzyme A Thioesterase 4
Synonyms:	PTE-1b; PTE1B; PTE2B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152331
Insert Size:	142 bp
Insert Sequence:	>SC201939 3'UTR clone of NM_152331 The sequence shown below is from the reference sequence of NM_152331. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC ACCCAGAAAACAGCTGTCCCTAAATTG TA ATGCATTTGTCTGTTGTTGACATGAGAGATTCAAGATCAG ATTCTAGTGTTCAGTAACCCTATGTGAATCAGATGTCTCCTGGATAACATTAAAGCCATGTCTTTGTCA TTAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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_152331.4



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Summary: Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH (PubMed:16940157). ACOT4 is a peroxisomal succinyl-coenzyme A thioesterase can also hydrolyze glutaryl-CoA and long chain saturated acyl-CoAs (PubMed:16940157).[UniProtKB/Swiss-Prot Function]

Locus ID: 122970

MW: 5.3