

Product datasheet for **SC123651**

Acyl CoA Thioesterase 9 (ACOT9) (BC012573) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acyl CoA Thioesterase 9 (ACOT9) (BC012573) Human Untagged Clone
Tag:	Tag Free
Symbol:	Acyl CoA Thioesterase 9
Synonyms:	ACATE2; acyl-CoA thioesterase 9; acyl-Coenzyme A thioesterase 2, mitochondrial; CGI-16; mitochondrial Acyl-CoA Thioesterase; MT-ACT48; OTTHUMP00000023065
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC012573 edited GGGGGTCTCAGCAAGGGCGCGGTCTGGTACTCGTGCCTTTTTATCGCCTCAGTTTCCC TCCGCCGACTAGCGCGCGGGCCCGTTCTCCATCGCGCGCACGGCAGCCTAGCGCAATG AGGCGGGCAGCACTGCGGCTTTGTGCTTGGGCAAAGGGCAGCTTACTCCTGGAAGAGGA CTGACTCAAGGACCCCAAGACCCCAAGAAACAGGGAATCTTCCACATTCATGAAGTTTCA GATAAGTTGCGGGAGATAGTAGGAGCATCCACAACTGGAGAGACCATGTGAAGGCAATG GAAGAAAGGAAATTACTTCATAGTTTCTTGCTAAATCACAGGATGGACTGCCTCCTAGG AGAATGAAGGACAGTTATATTGAAGTTCTTTGCCTTTGGGCAGTGAGCCTGAATTACGA GAGAAATATTTGACTGTTCAAAACACCGTAAGATTTGGCAGGATCTTGAGGATCTTGAC AGCTTGGGAGTTCTATTTGTTACATGCACAACAAAATCCACTCCGCCAAGATGTCTCCT TTATCGATAGTTACAGCCCTGGTGGATAAGATTGATATGTGAAGAAGAGCTTGAGCCCA GAACAGGACATTAAGTTCAGTGGCCATGTTAGCTGGGTCGGGAAGACATCCATGGAAGTG AAGATGCAAAATGTTCCAGTTACATGGTGAATTTTGCCTGTTTTGGATGCAACATTT GTAAATGGTGGCTCGTGATTCTGAAAATAAAGGGTAATTGCCAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC012573 unedited GACAAAATTTGTAATACGAACTCACTATAGGGCGGCCGGAATTCGCCATTACGGGCCGG GGNGTCCTCAGCAAGGGCGCGGTCTGGTACTCGTGCGTCTTTTATCGCCTCAGTTTCCCT CCGCCGACTAGCGCGCGGGGCCCGTTCTCCATCGCGCGCACGGCAGCCTAGCGCAATGA GGCGGGCAGCACTGCGGCTTTGTGCCTTGGCAAAGGGCAGCTTACTCCTGGAAGAGGAC TGACTCAAGGACCCAGAACCCCAAGAAACAGGGAATCTTCCACATTCATGAAGTTCGAG ATAAGTTGCGGGAGATAGTAGGAGCATCCACAACTGGAGAGACCATGTGAAGGCAATGG AAGAAAGGAAATTAATTCATAGTTTCTTGGCTAAATCACAGGATGGACTGCCTCCTAGGA GAATGAAGGACAGTTATATTGAAGTTCTTGCCTTTGGGCACTGAGCCTGAATTACGAG AGAAATATTTGACTGTTCAAAACACCGTAAGATTTGGCAGGATTCTTGAGGATCTTGACA GCTTGGGAGTTCTTATTTGTTACATGCACAACANAATCCACTCCGCCNAGATGTCTCCTT TATCGATAGTTACAGCCCTGGTGGATAAGATTGATATGTGTTAGAAGAGCTTGAGCNCCA GACAGGACATTAAGTTCAGTGGCCATGTTAGCTGGGGTCGGGAGACATCCATGGAGTGAA GATGCAAATGNTCCAGTTACATGGTATGAATTTTGCCTGGTTTGGATGCACATTTGTT ATGGTGGCTCGTGATCTGAAAATAAAGGGTATTGCCAAAANAAAAANAAAAANAAAAA ACCTGTTGGCCGCTGGGCCCTGATTTAGATTGCGGCCCGTCATAAATGGTTCTGAAA AATTCGGGTGGAATCCTTGGGACCTTCCCATGCCTTTCTGCCCGT
Restriction Sites:	Please inquire
ACCN:	BC012573
Insert Size:	790 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC012573.1</u> , <u>AAH12573.1</u>
RefSeq Size:	790 bp
Locus ID:	23597
Cytogenetics:	Xp22.11
Gene Summary:	The protein encoded by this gene is a mitochondrial acyl-CoA thioesterase of unknown function. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]