

Product datasheet for **SC213244**

ACOT11 (NM_147161) Human 3' UTR Clone

Product data:

| | |
|---------------------------|---------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | ACOT11 (NM_147161) Human 3' UTR Clone |
| Symbol: | ACOT11 |
| Synonyms: | BFIT; STARD14; THEA; THEM1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_147161 |
| Insert Size: | 1247 bp |



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Insert Sequence: >SC213244 3'UTR clone of NM_147161
The sequence shown below is from the reference sequence of NM_147161. 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
GATCTGGCCCCAGCCTCCAGACCCTCTAGATGCCCTCAGTGGCCACATCATGCCCACTCCCACTCCAT
CCTGTCCCAAGGACTCACATACAGTGCCTGGAGAAAGCCAAAGACCTTTATTTCTTCTGCCTCCCG
TGGGAAGCTCCGCCCTGAGGTCCGCTGGCCACCACCCTGGGTGCTCAGTTTCTACCAACATGAGCC
AGCAAGTCCTTGTGGTAGCCTGGGTAGCCTGTAGTAGACTCGGGTCTGTCCACAGCCCTAGCTGCC
AGCAATGTCTGCCTCACAGAGGCATAGTCGCCCCAGCTGGGTTGTGCTCCACTGTGACGGTGGCCCG
GGGGAGGATGCCAGCAGCCTGCCTATGGCTCCAGCTGTGCTGTGGCCAGCAGCATGGCCTGCATCTGG
AAGGACACAGGTTGCCAGAGCCCTGGCACAACCTAGCATATCTGTGAGCAGCTGTTCCCTGTAGCCA
CTGCCAGCACCTCCTCAGGCCAGCCTGGTGCCACAGTCACGTGGGGGAAGACCTCAGCCACAGCTGTA
AGCAGCTCTGTCCAGCCACATGGCCGGGACCGAAAACTCCCGTGGGAGATTTTGGCCCCAACCCAC
ACAGGCCAATGCAAGAGGCCAAGGCTGGAGAGGGTGCCAGCAAGGCCAGGGATGGCCGGAGGGCTGCG
GGCTCCGCTATTTGCAAATGGATGCCCCAGTGTCCGGGATGTGTGGCCAGCTGCTGCAGGCAAGACTCC
AGCGTCAGGATGTTGCCACTTGGAGTATGAACAATGGGCACGGGGTTTTAGCCACAGTTCCCTCGAGG
CCAGTGTTCAGCAGGATCATGCCTTCTGTGTCTGGAAGAGGCGGCAGAGGCAACAGTGTTTAGGATTTG
GGTTATCATAAGGTGTTAAGAGTCCCTTGTAAAGGGCAGTGGGAGTTATGGGGTCATCAAGGACCTT
GCCTCTCTGGAATCTGTCAACCCAGTTTTGGGCTCCAGGTGGATGGGTTGCTTTATAAATGTGCCTGGT
GCATGAGAAAACCTTGTTCAGCTCTTGGCCTTTACCCATGACTCAGCCTGGGGGCTGGTGCCGCCTT
GCCTGCAGCAATGTAGCTGAGGACTGGTCTGAAGGCCAGGAGCCCTGTGCTCTTGACATCACTGTACTC
CCTCTCCCTCCCGCAACCTGCCCCACCTGCATCCAGGGTATGGTGTAAATAAACCTGTGTTGCCAT
GGCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_147161.4](#)

Summary: This gene encodes a member of the acyl-CoA thioesterase family which catalyse the conversion of activated fatty acids to the corresponding non-esterified fatty acid and coenzyme A. Expression of a mouse homolog in brown adipose tissue is induced by low temperatures and repressed by warm temperatures. Higher levels of expression of the mouse homolog has been found in obesity-resistant mice compared with obesity-prone mice, suggesting a role of acyl-CoA thioesterase 11 in obesity. Alternative splicing results in transcript variants. [provided by RefSeq, Nov 2010]

Locus ID: 26027

MW: 43.3