

Product datasheet for **SC209000**

ACOX3 (NM_003501) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACOX3 (NM_003501) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACOX3
ACCN: NM_003501
Insert Size: 709 bp
Insert Sequence: >SC209000 3'UTR clone of NM_003501

The sequence shown below is from the reference sequence of NM_003501. 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
GTCATAGGAAGTCTGAAATCGAAGCTCTAGTGGGACTGGCACACATTCAGCCAAGTCTAATGAAACGAA
GGGAACTAATCAGACGTGGACCTCAACTTCTGATTCCAGAACACGCCGGAGATTGCTGCTCTTTCTGA
GCCCGCACCTGTGCGCCTAAACTGCTGATTGGCCTCAACTGCCAGGCGGACGGGAGGGAGGCACCCGG
CCGGCTGGACTAATCTGGGATCGCGGTGATTTGCAGCGTGGAAAAAGAAATGCAGATGATCATGTCTACC
TGATGCGCCGTGGGTTTTTTGATAATTAGAATTTGCACATTCAGTTTTTCAGGGTTCAGCTCCTTTCTC
TAAAGTAAACAGCCCATTGTCCAGGGATCTTCTGGTCCAGACAACCTGTGATTATCATGATTTTTTACCG
AGCTCCACTTCATTGAGAAGTCAATGATGCCAGTCTGGTCTTTGTCAACTCTCCCTCGGCTTTGTCCAC
ATAATTGAATTATGTCATAACCTTATTAATTTGCACATAGATCATCTGAATGTCGTGGTTAAGACTTA
AGGAGGAACATCTGTTTGATTACTTTCTTTGTGGAAGTGGAAATTTCCATCGAGGAAATGTTTTTTTA
AAAAGTCTAATGATTTGAATGGCAATTCAGTCTCCAACCGCCCCCTCCCCCTGCCGCCAGTTATATA
CAAATCACTTTATTGGTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-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.



[View online >](#)

RefSeq: [NM_003501.3](#)

Summary: Acyl-Coenzyme A oxidase 3 also known as pristanoyl-CoA oxidase (ACOX3) is involved in the desaturation of 2-methyl branched fatty acids in peroxisomes. Unlike the rat homolog, the human gene is expressed in very low amounts in liver such that its mRNA was undetectable by routine Northern-blot analysis or its product by immunoblotting or by enzyme activity measurements. However, the human cDNA encoding a 700 amino acid protein with a peroxisomal targeting C-terminal tripeptide S-K-L was isolated and is thought to be expressed under special conditions such as specific developmental stages or in a tissue specific manner in tissues that have not yet been examined. [provided by RefSeq, Jul 2008]

Locus ID: 8310

MW: 26.3