

Product datasheet for **SC210497**

ACOX3 (NM_001101667) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ACOX3 (NM_001101667) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ACOX3
ACCN: NM_001101667
Insert Size: 869 bp
Insert Sequence: >SC210497 3'UTR clone of NM_001101667

The sequence shown below is from the reference sequence of NM_001101667. 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
TGCCCTGGTAGACGTGATCGCTCCTCCTGACTTTTGTCTGGACTCACCGATTGGCAGAGCCGACGGCGA
GCTCTACAAAAACCTCTGGGGCGCTGCTCCTGCAGGAAAGCAAGGTGTTGGAGCGGCATCCTGGTGGCC
AGAGTTTTCTGTGAACAACCTGTCATAGGAAGTCTGAAATCGAAGCTCTAGTGGACTGGCACACATT
CAGCCAAGTCTAATGAAACGAAGGGAACCTAATCAGACGTGGACCTCAACTTCTGATTCCAGAACACGCC
GGAGATTGCTGCTGCTTTCTGAGCCCGCACCTGTGCGCCTAAACTGCTGATTGGCCTCAACTGCCCAGG
CGGACGGGAGGGAGGCACCCGGCCGGCTGGACTAATCTGGGATCGCGGTGATTTGACGCGTGAAAAAGA
AATGCAGATGATCATGTCTACCTGATGCGCCGTGGGTTTTTTGATAATTAGAATTCGCACATTCAGTT
TTCAGGGTTCAGCTCCTTTCTCTAAAGTAAACAGCCCATTTGTCAGGGATCTTCTGGTCAGACAACCTGT
GATTCATCTAGATTTTTTACCGAGCTCCACTTCATTGAGAAGTCAATGATGCCAGTCTGGTCTTTGTC
AACTCTCCCTCGGCTTTGTACATAATTGAATTATGTCATAACCTTATTAATTTGCACATAGATCATCT
GAATGTCGTGGTTTAAGACTTAAGGAGGAACATCTGTTTGATTACTTTCTTTTGTGGAACCTGAAAATTT
CCATCGAGGAAATGTTTTTTAAAAAGTCTAATGATTTGAATGGCAATTCAGTCTCCAACCGCCCCC
TCCCCCTGCCCGCAGTTATATACAAATCACTTTATTGGTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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).



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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_001101667.2
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:	33.1