

## Product datasheet for **SC201167**

### ACOX2 (NM\_003500) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ACOX2 (NM_003500) Human 3' UTR Clone
Symbol:	ACOX2
Synonyms:	BCOX; BRCACOX; BRcox; CBAS6; THCCox
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003500
Insert Size:	118 bp
Insert Sequence:	>SC201167 3'UTR clone of NM_003500 The sequence shown below is from the reference sequence of NM_003500. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> CTTTTACAAAGTTGGAGATCCAAGCTA <b>TGA</b> AATAACCAACAGTATTCAAGAAGCAACCAGCACCATCAT GTGATAATGGTACTATGGCATATATGCAACATTAATAATTTAAATTAGA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u><a href="#">NM_003500.4</a></u>



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**Summary:** The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe cognitive disability, and death in children. [provided by RefSeq, Mar 2009]

**Locus ID:** 8309

**MW:** 4.7