

## Product datasheet for **SC207863**

### ALDH16A1 (NM\_001145396) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ALDH16A1 (NM_001145396) Human 3' UTR Clone
Symbol:	ALDH16A1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACC#: NM_001145396	
Insert Size:	613 bp
Insert Sequence:	<p>&gt;SC207863 3'UTR clone of NM_001145396</p> <p>The sequence shown below is from the reference sequence of NM_001145396. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AAGGCCCTGTGGCTGCCTATGGGGACTTGATGCCTGAGCGCCACCTACTGCATTTTGGACACCTCACAC
CAAGGGGAGATGCACCCACAGACACCTGGGACTTTCCCTTCTGGTTCCTGTGTCTCCAATAAACTC
TCTGACCAACCCTAGCTGTGCTTCTGCGAGAAGAAAGGGTGTAGCAACTTCTGGCAGATATGAGGCTTT
TTTCTTTTTTTTTTTTTTTTTTTTGAGACAACGTCTGGCTCTGTCAACCCAGGCTGGAGCGCAGTGGCACAA
TCTCGGGCCCACTGCAGCCTCGACCTCTGGGGCTCAAGGGATCCTCATGCCTCAGCCTCATATGTAGCTG
GGGCCACAGACATGCACCAACACCTGGCTCGAGGCCATTTTAGTTCTGAGGTTGAGCAGCTCAGGAG
CCGGCTCCAGCACGGTGTGTGTTGTGAAACAGAGAAAGGGGACCCCGAGGACCCAGACAGGCCT
TAGGACTCTCATATCTTCTGTCTTCTCCATCTGGTGGCTCTTGCTCTCTGGTTTTCTACCTTTTCA
TGGCCCCAGAATCCATATGCAGTAAAGGAACCTCTGGAATAAAATTAAGTCCTCCTATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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:	<a href="#">NM_001145396.2</a>
Summary:	This gene encodes a member of the aldehyde dehydrogenase superfamily. The family members act on aldehyde substrates and use nicotinamide adenine dinucleotide phosphate (NADP) as a cofactor. This gene is conserved in chimpanzee, dog, cow, mouse, rat, and zebrafish. The protein encoded by this gene interacts with maspardin, a protein that when truncated is responsible for Mast syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]
Locus ID:	126133
MW:	22.3