

## Product datasheet for **SC214237**

### ALDH3B1 (NM\_000694) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ALDH3B1 (NM\_000694) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ALDH3B1  
**Synonyms:** ALDH4; ALDH7  
**ACCN:** NM\_000694  
**Insert Size:** 1367 bp  
**Insert Sequence:** >SC214237 3'UTR clone of NM\_000694  
The sequence shown below is from the reference sequence of NM\_000694. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCAAGGCTGCAGCTGCACACTGCTCTGAGCCCTTCCCCAGGCCAGGCTGTAGACCACCATGACAGC
TGTGCGCTGCGGCTGGTGGAGACGGGGCTGGGCTCCCGGCCGAGGAGGAAAAGATTGCCAAGGCT
CCAGGGCACCCCTCAAAGCAGCGCTGCCTCCTCCCTCCTGGGTCTTCCCTCCTCCCTGCCTCAGCCTCC
TCCTCAGCCGCTCCCAACCATGAGAGCCGAGGTGGGAGGCATGGGAAACAGTGCAGTGACTCACCCCC
TGCCCCGCACCAACCACCCATATTCAGGAGAAGAGGACAGACACGGCACCTCTGAGTCACCCCTCTCC
TGTGGAGCGGGCTCCGAGGGGCCCTGGCATCTGACTCAGGCCACCCATGGAATCACTGCATCCAAGG
CCATTCTGCCCTCTCTGAGTCTCAGTTTTTCCATTTGTTTCAGTGGAGAGAATTAACCATTGATACCTC
CTGGCTGGGTGAGGCGGCTCACACTGTAATCCCAGCACTTTGGGAGGCCGAGGCAGGCGGATCACCTG
AAATCAGGAGTTCAAGATCAGCCTGGCTAACATGGCGAAACCCGCTCTACTAAAAATACAAAAATTA
GCCTGGCGTGGTGGCGCATGCCTGTAATCCCAGCTACTCAGGAGGCTAAGGCAGGAGAATCGCTTGAC
CCGGGAGGTGGAGTTGCCGTGAGCTGAGATTGGCTCACTGAACCTCCGGCCTGGGTGACAGAAGGAGGC
TCTGCCTTAAAAAAAAAAAAAAAAAACTCCTGGGACTGTTGCAAGGATGAAATGAAGGATTGAGGG
ATTGAGGGATTGCTGAGCTGGAGCTCCAGGTGTCTATCTTTCTCAGTGGGGTGGCACGGAGCGGGCC
GCCTCCCTCTTCTCCAGGCAGGTGGGCTGTGGTTATGCGATAGGGTCTCCCTTCCCTCCAGCCCAT
GCCAGAGGAGCTTGAATCTTTATCCTCATGGTGCCACTACGAGTCATACTTCCCCATGCTGCTC
ATCCTCCTGGGCCCATCCACTCAGCCAAAGCAGAATGCAGGGTTTCTGCTGACAACCCTTCTCACC
TCCCAAGTCCCCTTTTGAACAAGCTGATGATTCTGAACTGGCCCAATTTCTAACAAGCCGGATGCT
TGAGAAACCTACATTTGGACAATGAGAGGCTGCTCCTGCGGCTGCGGGCCACCTCCTCTTCTTGGCT
CCTGCTTTCTTTTAGACTATATCAACCTACAACCTTATGTCGGGAAGAGGACAGGGGTGGACCTGAGT
TTCGTCTCCTGTCTCTGGCTGATGTACCTGAATAAAGCCTTCTTCCCTGGCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000694.4</a></u>
<b>Summary:</b>	This gene encodes a member of the aldehyde dehydrogenase protein family. Aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The encoded protein is able to oxidize long-chain fatty aldehydes in vitro, and may play a role in protection from oxidative stress. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
<b>Locus ID:</b>	221
<b>MW:</b>	49.4