

## Product datasheet for **SC214796**

### **ADH1B (NM\_000668) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	ADH1B (NM_000668) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ADH1B
Synonyms:	ADH2; HEL-S-117
ACCN:	NM_000668
Insert Size:	2000 bp



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**Insert Sequence:** >SC214796 3'UTR clone of NM\_000668  
 The sequence shown below is from the reference sequence of NM\_000668. 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
AAAAGTATCCGTACCGTCCGTGACGTTTTGAGGCAATAGAGATGCCTTCCCTGTAGCAGTCTTCAGCCT
CCTCTACCTACAAGATCTGGAGCAACAGCTAGGAAATATCATTAAATCAGCTCTTCAGAGATGTTATC
AATAAATTACACATGGGGGCTTTCCAAAGAAATGGAAATTGATGGGAAATTATTTTTTCAGGAAAATTTA
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TTAACCATTCTACTGTGCACCTTTGCCATTGAGGAAAAATTCCTGTGACTTCTTGCATTTTTGGTA
TCTTCATAATCTTAGTCATCGAATCCCAGTGGAGGGACCTTTTACTTGCCCTGAACATACACATGC
TGGGCCATTGTGATTGAAGTCTTCTAACTCTGTCTCAGTTTTCTACTGTGACATTTTCTTTTTCTAAT
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GAAGGTCCAAGAGTTCTAAATACAGGAAATTTCTTAGGAACTCAAATAAAATGCCCCACATTTTACTAC
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ATAATAGCAGATTTCTTGCTTCATATGACAAAGCCTCAATTAATAATTGTAATAACTGAACATTTCCCA
GAATCATGTTCAAAAAATCTGTAATTTTTGCTGATGAAAGTGCTTACTGACTAAACAGTATTAGTTTG
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CCTACTCTATTTGTTAATGCTTTCCCACTCTCAGGGGAAGGATTTGCATTTTGAGCTTTATCTCTAAT
GTGACATGCAAAGATTATTCCTGGTAAAGGAGGTAGCTGTCTCCAAAAATGCTATTGTTGCAATATCTA
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CAGTAAGTCTCTCAGGCTCTCTGAGCTTGTTCATCCTTTGTTTTGAAAAAATACTCAACCAATCCATT
ACAGCTTAACCAAGATTAATGGGATGATGTTAATGAAAGAGCTTCGCCAATTAAGAAGGGCCATGTAA
ATGTGGGTAACCTGATTGTTTTGCAAAAATGCTAAAGCGGGTGGGGGTGGCGCAGTGGCTTATCCC
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GTCAACATGGTGAACCCATCTCTACTAAAAATACAAAAATTTGCCAGGCATGGTGGCAGTGGCTGT
AATCCCAGCTACTCAGGAGGCTGAGGCAAGAGAATCGCTGGAGCCTGGGAGGCGGAGGTTGCAGTGAGC
AGAAATCTTGCCACTGCACAGCAGCCTAGGCGACAAGAGCAAACTCTGTCAAAAGAAAAGAAAAGAAA
ATGCTGAAGGAGTTACTCAGGTCAGGAAAGTTTTTCAAGATGTCCGTAAGATAACATCATGAGGACA
CTACCTGTTGCTGGGTGCTCTGCGGTTTTTACTGATGCTGATTGTGTGAGATCCAGAAAAAGAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).

**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\\_000668.6](#)

**Summary:**

The protein encoded by this gene is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This encoded protein, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]

**Locus ID:**

125

**MW:**

76.8