

## Product datasheet for **SC203665**

### **ADH1C (NM\_000669) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ADH1C (NM_000669) Human 3' UTR Clone
Symbol:	ADH1C
Synonyms:	ADH3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000669
Insert Size:	285 bp
Insert Sequence:	>SC203665 3'UTR clone of NM_000669 The sequence shown below is from the reference sequence of NM_000669. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> AAGAGTATCCGTACCGTCCCTGACGTTT <b>TGA</b> AACAATACAGATGCCTTCCCTTGTAGCAGTTTTTCAGCCT CCTCTACCCTACATGATCTGGAGCAACAGCTAGGAAATATCATTAAATTCTGCTTTCAGAGATGTTAAA AATAAATTACACGTGGGAGCTTTCCAAAGAAATGGAAATTGATGGGAAATATTTGTCAAGCAAATGTT TAAAATCAAATGAGAACTAAATAAAGTGTGAACATCAACTGGGGAATTGAAGCCAATAAACCTTCCT TCTTAACCA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u><a href="#">NM_000669.5</a></u>



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**Summary:**

This gene encodes class I alcohol dehydrogenase, gamma subunit, which 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. Class I alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation to acetaldehyde, thus playing 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. An association between ADH1C polymorphism and alcohol dependence has not been established. [provided by RefSeq, Sep 2019]

**Locus ID:**

126

**MW:**

10.8