

Product datasheet for **SC209648**

ADH4 (NM_000670) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ADH4 (NM_000670) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ADH4
Synonyms: ADH-2; HEL-S-4
ACCN: NM_000670
Insert Size: 814 bp
Insert Sequence: >SC209648 3'UTR clone of NM_000670
The sequence shown below is from the reference sequence of NM_000670. 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
AAAAGCGTCCGAACAATCCTCATCTTTTGAAGATGCCAGGAGCAATTCAGAATACTATCTGATTGAATG
TGAACCTGCCTGGTTAATTTATTACCTGATTTGATGAACCAAGGAAAGCCATGAGTTTAAACAAATATT
TACATTTAATATGGGAACATAAAAAGAGCTTTAAATATTATAGACTTTGTACCTGTTATATATATGAATA
TTCCCTATGTTAAATAAATAAATAAAGTGTATGAATAGAATCATATCATCTTTAGAAATTGTTT
AAAATTAGTTCTGGGAAGTTGAAAGTGGGGAATGAAGAGATAATAAATAAACTAGATTGGCCATATGT
TTATAATTTTTTTAGATTGGGTAATGAATACATGGAGTTTCATTATACTTTTCTCTCCACTTTTGTCTA
TGTTGAAAATTTTCTGGGAGCTAAATGATGAGAACACATGGACACATGATGGGAACAACACACTGG
GGCCTGTTGAGGGCAGGGAGTCGGCAGAGAGAGCATCAGGAAGAATAGCTAATGGATGCTGGCTTC
ATACCTGGGTGATGAGATGATCTGTGCAGCAAAGCACCATGGTACATGTTTACCTATGTAACAAACCTG
CACATCCTGCACATGTACCCTGGAACCTAATAAAAAGTTGGAATTTTTAAAAAGAATGAATAAGACCTG
GTATTTGATAGCAACAGGGAGACTATAGTCAACAGCAATTTAATTGTATTTTTAATATGACTAAAA
GAGTATAATGGATTGTTTGTAAACACAAATAAATGCTTGAGGAGATGGACACCCCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:	<u>NM_000670.5</u>
Summary:	This gene encodes class II alcohol dehydrogenase 4 pi 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 II alcohol dehydrogenase is a homodimer composed of 2 pi subunits. It exhibits a high activity for oxidation of long-chain aliphatic alcohols and aromatic alcohols and is less sensitive to pyrazole. This gene is localized to chromosome 4 in the cluster of alcohol dehydrogenase genes. [provided by RefSeq, Jul 2008]
Locus ID:	127
MW:	31.3