

Product datasheet for **SC210339**

ALDH9A1 (NM_000696) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ALDH9A1 (NM_000696) Human 3' UTR Clone
Symbol: ALDH9A1
Synonyms: ALDH4; ALDH7; ALDH9; E3; TMABA-DH; TMABADH; TMABALDH
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_000696
Insert Size: 864 bp

Insert Sequence: >SC210339 3'UTR clone of NM_000696
 The sequence shown below is from the reference sequence of NM_000696. 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
GAGATGGGTGATGTGGAATCTGCTTTTTGAAAACCTGCAGTGAAACCTATTGACATGGCCACGCTGTGG
AATGATGTGAATTGGCCCTGTTTACAGAGGCAGTACAACCTGAATGTTATTTTACATCCAGAATTTGGC
GTTCAAGATAAGAGAATGGTTCATGTTACTCTTCTCTCTCCATCAGCTTCCTCACTGAAAATGTGCAT
TAAGTGCCTTGTAGATACTAATCAAGAAAGCTGTGATTCTCCTCAAAGCGTATTTTGTGAAATCTTTT
AAGAGCCAGTAACATACTTCTAGAGAACAGGAAAAGAGACTAGGATAATACATCTCCACACATTTGGC
CCACTGATAATGTTAATTCTCTGGCGTATTTCAAAGAACTGTTCTGGCTGATCCAAGTGCAGTGGTA
TTTACAACATAATTGATCACAACCAAGTTTGTAGATTTCTTTGTTCCCTTCTCCATCCCACTGCTTCACTT
GCCTAGTCTTGAAGAAAAAACAACAAAAAACAACCTTGTTCCTTTATAGGTTCTGGTGAAT
CAGTAGAGATGATTTAGCTCATTGACATTTTTTAAGCTATATCCCCTTGTGATTCCATTGAGAAAAGC
TGACAACTGGGATAGGGAGGGGATTAGATAATAGATGGGGTCAAATCTGTGTGAATGTGAACCTTGCC
AGTAAGCACTTTGTCTCTGTTCACTACTGCGATAGAGGAAATCTATCCCTATCTTGGGTCCTTGAAC
TACAGCCTGCTGTCTTACACCACTGAGCTACCCTTTAAATGTACAAATATTTGTATGCTAATGTAAT
ATGGTGAATTAATAAATCACACTGTTAATTGTT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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>NM_000696.4</u>
Summary:	This protein belongs to the aldehyde dehydrogenase family of proteins. It has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits. [provided by RefSeq, Jul 2008]
Locus ID:	223
MW:	33.2