

Product datasheet for **MR208320**

Aldh1b1 (NM_028270) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aldh1b1 (NM_028270) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aldh1b1
Synonyms:	2700007F14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR208320 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGACTGCCGACTCTTGCTGCCCGGCTCCTCTGCCTCCAGGGCAGGACTACCTCTTACTCTACAG
 CAGCTGCTCTCCGAACCAATCCAAACCCAGAGATTTGCTACAACAAGCTGTTTCATCAACAACGAGTG
 GCATGATGCGGTGAGCAAAAAGACCTTCCACAGTGAACCCACTACAGGTGAGGTCATTGGGCATGTG
 GCCGAAGGTGACCGGGCAGATGTGGATCTGGCTGTAAAAGCAGCCCGAGAAGCCTTCCGCCTGGGGTCCC
 CATGGCGCAGGATGGATGCCTCAGAGCGGGGCCGGCTGCTGAACCGCCTAGCTGATCTTGTGGAACGAGA
 TCGAGTGTACTTGGCCTCACTGGAGACGCTAGATAACGGGAAACCTTCCAGGAGTCTTATGTCTTGGAT
 CTGGATGAAGTCATCAAGGTGTACCGTTACTTCGCTGGCTGGGCTGACAAGTGGCATGGTAAGACCATCC
 CTATGGATGGTGAGCATTCTGCTTACCCGACATGAGCCAGTGGGTGTCTGTGGCCAGATAATCCCTTG
 GAACCTCCCACTGGTCATGCAGGGCTGGAAGCTGGCCCCGGCACTCGCCACGGGCAACACTGTGGTCATG
 AAGGTGGCAGAGCAGACCCCACTCTGCTCTGTACTTGGCTCCCTCATCAAAGAGGGGGGTTTCCCC
 CAGGAGTGGTGAACATCATCACTGGCTACGGCCCCACGGCGGGAGCTGCCATCGCTCAGCACATGGATGT
 GGATAAAGTCGCCTTACGGGCTCCACTGAGGTAGGCCACCTGATTGAGAAGGCAGCTGGCGAGTCTAAC
 CTCAAGAGAGTCAACCCTGGAGCTGGGTGGGAAGAGCCCCAGCATTGTGCTGGCAGACGCTGACATGGAGC
 ATGCCGTAGATCAGTGTACGAAGCCCTTTTCTCAACATGGGCCAGTGTCTGTGCAGGCTCCCGGAC
 ATTCGTGGAAGAGTCCATCTACCGTGAGTTTCTCGAGAGAAGTGTGGAGAAGGCCAAGCAGAGGAAAAGTG
 GGAACCCCTTTGAGTTGGACACCCAGCAGGGACCTCAGGTGGACAAGGAGCAGTTTGAACGAATCCTGG
 GCTACATCCGGCTGGGACAGAAGGAAGGGCAAAGCTTCTGTGGCGGGGAGCGTTTGGGGAGCGCGG
 CTTCTTCAACAAACCCACAGTCTTCGGGGACGTTCAAGGATGGCATGAGGATCGCCAAGGAGGAGATCTTT
 GGGCCCGTGCAGCCTCTGTTCAAGTTCAGAAGATCGAGGAAGTAAATCCAGAGAGCAACAAACACAGGT
 ATGGCCTGGCTGCGGCTGTGTTACCCGAGACCTGGACAAGGCCATCTACTTCACGCAGGCCCTGCAAGC
 TGGGACGGTGTGGGTGAACACCTATAACATTGTCACTGCCACACGCCATTTCGGAGGCTTTAAGGAATCT
 GGCAATGGCAGGGAGCTGGGGGAGGACGGGCTCAGAGCCTACACGGAGGTGAAGACTGTCACCATCAAGG
 TTCCCCGAGAAGAATTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208320 protein sequence
 Red=Cloning site Green=Tags(s)

MLTARLLLPRLLCLQGRRTSYSTAAALPNPIPNIPEICYNKLFINNEWHDAVSKKTFPTVNPPTTGEVIGHV
 AEGDRADVDLAVKAAREAFRLGSPWRRMDASERGLLNRLADLVERDRVYLASLETLDNGKPFQESYVLD
 LDEVIKVYRYFAGWADKWHGKTIIPMDGEHFCFTRHEPVGVCGQIIPWNFPLVMQGWKLAPALATGNTVVM
 KVAEQTPLSALYLASLIKEAGFPPGVVNIITGYGPTAGAAIAQHMDVDKVAFTGSTEVEGLIQKAAGESN
 LKRVTLELGGKSPSIVLADADMEHAVDQCHEALFFNMGQCCAGSRTFVEESIYREFLERTVEKAKQRKV
 GNPFLDQTQQGPQVDKEQFERILGYIRLGQKEGAKLLCGGERLGERGFFIKPTVFGDVQDGMRIAKEEIF
 GPVQPLFKFKKIEEVIQRANNTYGLAAAVFTRDLDAIYFTQALQAGTVVWNTYNIIVTCHTPFGGFKES
 GNGRELGEDGLRAYTEVKTVTIKVPEKNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

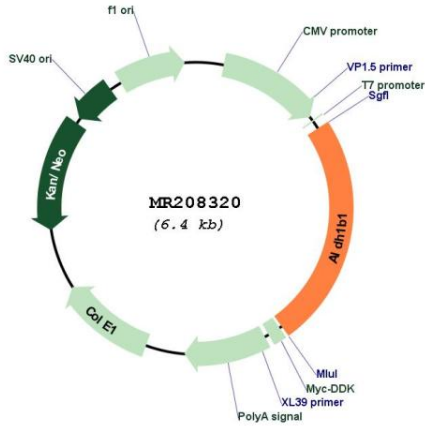
Sgfl-MluI

Cytogenetics: 4 B1

MW: 57.6 kDa

Gene Summary: ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208320