

Product datasheet for **MC206267**

Aldh16a1 (BC013548) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aldh16a1 (BC013548) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aldh16a1
Synonyms:	MGC19339, mFLJ00209
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013548
 CCAAGTTCCTCTAGGTAGACCGTCCAGCAATCCCTCGCGGAAGGCTCCGGGAGAGCGATGGCGGCTACGC
 GTGTACAGCCCAGTACCCGGGAGATTTTCACGACGCTGGAGTACGGACCGGTGCCGGAGAGCCACGCATG
 CGCACTGGCCTGGCTGGACACCCACAACCGCCTTTGGGCCACCATGTCAATGGGATGTGGCTGAAGCCA
 GAAACACAGGAATCCAGCGCCTTCCAGGATCCCATCACAGGAGAAAACCTGGCCAGCTGCTTGAAGCAG
 AGGCTGAGGACATCGCTGCAGCTGTGGAGGCTGCAAAGATAGCATTCAAGGCCTGGAGCCAACCTCCCTGG
 AGCTGCTCGGGGACAACACCTAACCCGGCTGGCCAAGGTCGTTTTCAGAAAGCACCAGCGACTGCTGTGGAG
 CTGGAATCCCTGTGCACTGGACGGGCTGTTTCGAGAGGTTTCGAGATGGAGATGTGCCACTGGCCCAGCAAC
 TGCTCCAGTACCATGCAGTCCAGGCACATGCCAGGGTGACGCACTGGCAGACTGGCAGCCCGTGGGAGT
 CATTGGCCTCATCCTGCCGACTCCTTTCTTTCTTTGGACATGATGTGGAGGGTCTGCCCTGCCTTGGCT
 ATGGGCTGCACCGTGGTGGCCCTCGTGCCCCAGCCTTCCCGACACCTCTCCTCCTGGCTCAGCTGGCAG
 GAGAGCTTGGCTTTTCCAGGGATCCTCAATGTGGTATGTGGCCCTGCCTCGCTGGGCGCTGTCTGGC
 CTCCAACCTGGAGTCCAGAAGGTGGCTTTCTGCGGAGCCGTGGAGGAAGGACGTGTTCTGCGACGGACT
 CTAGCAGGCAGGGGAGCTGAGCTGGGCCTGGCCCTGGGCACAGAGTCACTGTTGCTATTGATGGACTCCG
 CAGATGTGGACTCAGCTGTGGAGGGTGTGTGGATGCCGTCTGGTCAGACCGCAGCTGGGGGGGCTCAG
 GCTCCTCATCCAGGAATCTGTATGGGATGAAGCTATGAGGCGACTCCAGGCCAGAATGGCACAGATACGG
 AGTGGGAGAGGACTGGATGGGGCTGTGGACATGGGGGCTCGAGGAGCTGTGCCCGAGACCTGGCCCAGA
 GCTTTGTGGATGAGGCCAAAGCCAAGGGGGACAGGTATTCAGCTGGTGTGATGTGCCCTCCAGTAGCCC
 ATTCTTCTCTCCAGCCTTGGTTTCTGGTCTGCCTCCAGCAGCCCCATGTGCCAGGCCGAGGTACCGTGG
 CCTGTGGTTATGGCTTCTCTTTCCGCACAGTCAAGGAGGCACTAGCCCTGGCCAATGGAACACCCCGGG
 GAGGCAGCGCCAGCGTGTGGAGTAAAGGCTAGGGCAAGCCCTGGAGCTGGGCTATGGGCTCCAGGTGGG
 CACAGTGTGGATCAATGCTCATGGCCTCCGAGACCCTGCCGTGCCGACAGGGGGCTGCAAGGAGAGTGGG
 TCTTCTGGCACGGAGGCCAGATGGCCTGTATGAGTACCTGACGCCCTTGGGGACACCTCCAGGAGT
 CCTTCCTTTGTGAGAATATCAACTACGACACATTTGGCCTTGTGCTGCGTCCCTCCATTCTGCCGTAGGGCC
 AGAAACAGGGCCTAGCCAGCCCCTCCCTATGGGCTGTTTGTGCGAGGCCGTTTCCAGTCTCCTGGGACC
 CAGAGCTCCAGGCCATCCAAGATTCTTCAGGCAAAGTCTCCAGCTATGTAGCTGAGGGTGGAGCCAAGG
 ATATCCGAGGTGCTGTAGAGGCTGCTCATCAGGCTGCCCTGGCTGGGGAGCCCAGTCCCAAGAGCCCCG
 AGCAGGCTGCTGTGGGCCCTGGCGGCTGCTCTGGAGCGCAGGAAGCCAGTGTGACCTCACAAGTAGAA
 AGGCACGGAGCAGCGCTACAGTTGCCAAGATTGAAGTAGAACTGAGTGTGAGGCGACTCCAGACATGGG
 GCACCCGGGTTCCAGGACCAAGGCCAGACACTACAGGTAACAGGATTGAGAGGCCCTGTGCTCCGGCTTCG
 AGAACCATTGGGAGTGTGGCCGTGGTGTGCCCGATGAGTGGCCCTGTGGCTTTTGTGTCACTACTG
 GCCCTGCACTGGCCATGGCAATGCCGTGGTCTTAGTACCCAGTGGGGCATGTCCTCTGCTGGCCTTGG
 AGGTCTGCCAGGATATAGCTCCTCTGTTTCTGCTGGCCTGGTGTGAGTGTAGTGACAGGGGATCGCGACCA
 CCTGACCCGCTGTCTGGCCTTACATCAGGATGTCCAAGCCCTGTGGTACTTCCGGCTCGGCCAGGGCTCC
 CAGTTTGTGGAATGGGCCTCTGCAGGAAACCTCAAGTCTGTGTGGGTAACAGGGGCTTCCCAAGGGCCT
 GGGATGTGGAGGTCCAGGGGGCAGGACAGGAGCTGAGTCTTACGCAGCACGAACAAGGCCCTGTGGCT
 GCCAATGGGGGACTGATGCCGAAGCCACCCACTCCATCTTTGATGCTCAGGAGCACCAAGTGCTTGGAAC
 GTTTCTCTCAGATTTCCCATGGCTTCTAATAAACTGAGTGACTTTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC013548

Insert Size: 2409 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC013548](#), [AAH13548](#)

RefSeq Size: 2586 bp

RefSeq ORF: 2409 bp

Locus ID: 69748

Cytogenetics: 7 B3