

Product datasheet for **MR207744A1V**

Mouse Aldh3a2 (NM_007437) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Aldh3a2 (NM_007437) AAV Particle
Tag:	Myc-DDK
Symbol:	Aldh3a2
Synonyms:	Ahd-3; Ahd-3r; Ahd3; Ahd3-r; A1194803; Aldh4; Aldh4-r; FALDH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207744 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGAGCGCCAGGTCCTACGGCTTCGCCAGGCGTTCGGTCCGGCCGATCTCGGCCGCTGCGCTCCGAT
 TGCAGCAGCTTGAAGCCCTGCGGAGGATGGTGCAAGAGCGCGAGAAGGAAATCTTAGCAGCCATCGCGGC
 AGACCTGAGCAAAAGTAACTCAATGCATACAGTCATGAAGTCATTACCATCCTTGGAGAGATTGATTTT
 ATGTTGGGAATCTTCTGAATTGGCTTCTGCGAGACCGGCTAAGAAGAACCCTGTAACCATGATGGATG
 AGGCCTACGTTACGCCGAGCCTCTGGGAGTCGACTGATTATTGGAGCTTGAATTACCTTTCTGTTCT
 TACCATGCAACCGCTGGTGGGAGCCATTGCTGCAGGAAATGCTGCCATTGTTAAGCCCTCAGAACTCAGT
 GAAAACACGGCCAAGATCTTGGCTGAACTCCTCCCTCAGTACTTAGACCAGGACCTGTATGCGATTGTTA
 ATGGCGGTATCCCGAAACCACGGAGCTTCTGAAGCAGCGGTTTGACCACATTCTCTATACAGGGAACAC
 TGCAGTTGAAAAATGTCATGGAAGCTGCTGCCAAGCATCTGACCCCTGTGACCCTGGAACCTCGGCGGG
 AAAAGCCCTTGTTACATTGACAGAGACTGTGATCTGGAGTGGCTTGCAGACGCATAGCCCTGGGAAAGT
 ACATGAATTGGTCAAACCTGCATTGCTCCTGACTATATCCTGTGCGAAGCCTCCCTCCAGAATCAAAT
 CGTACAGAAGATTAAGGAAACGGTGAAGGACTTTTATGGGGAAAAACATAAAGGCTTCTCCTGACTATGAA
 AGGATCATCAATCTTCGTCACCTTAAGAGGTTACAAAGTCTGCTTAAAGGCCAGAAAAATAGCTTTCGGTG
 GAGAGATGGATGAGGCCACACGCTACTTAGCCCAACCATACTACAGATGTTGATCCTAACTCCAAGGT
 GATGCAAGAAGAAATTTTGGACCAATCTTCCAATAGTGTCTGTGAAAAATGTAGACGAAGCCATAAAT
 TTCATAAATGACCGTGAAGGCCCTGGCTCTCTACGTATTTTCTCGTAACAATAAGCTCATCAACCGGG
 TGATAGATGAGACCTCCAGTGGTGGAGTCAACCGCAATGATGTCATCATGCACTTCACTGTTAATCTCT
 GCCCTTTGGAGGTGTGGGTGCCAGTGAATGGGGCGTATCATGGAAAAATACAGTTTTGATACCTTTTCT
 CATCAGCGCCCTGCTTGTAAAAGGGTAAAGGGGAAAGCGTCAACAAGCTCAGGTACCCGCCCAACA
 GCGAGTCAAGGTGAGCTGGGCCAAGTCTTCTGCTGAAGCAGTTCAACAAGGAAGGCTGGGGATGCT
 GTTGTGTTGCTGCTGTTGCTGTTGCAGCTGTGATTGTCAAGGATCAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207744 protein sequence
 Red=Cloning site Green=Tags(s)

MERQVLRRLRQAFRSRGRPLRFRLQQLEALRRMVQEREKEILAAIAADLSKSELNAYSHEVITILGEIDF
 MLGNLPELASARPAKKNLLTMMDEAYVQPEPLGVVLIIGAWNYPFVLTMQPLVGAIAAGNAAIVKPELS
 ENTAKILAEELLPQYLDQDLIYIVNGGIPETTELLKQRFDHILYTGNATVKGIVMEAAAKHLTPVTLELGG
 KSPCYIDRDCDLVACRRIAWGYMNCQGTCTIAPDYILCEASLQNIQVQIKETVKDFYGENIKASPDYE
 RIINLRHFRLQSLKKGQKIAFGGEMDEATRYLPTILTDVDPNSKVMQEEIFGPILPIVSVKNVDEAIN
 FINDREKPLALYVFSRNNKLIKRVIDETSSGGVTGNDVIMHFTVNSLPFGGVGASGMGAYHGKYSFDTFS
 HQRPCLLKGLKGESVNLRYPPNSEKVSWSAKFFLLKQFNKGRGLMGLLVCLVAVAAVIVKDKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_007437

ORF Size:

1455 bp

Buffer:

PBS with 0.001% Pluronic F68

Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_007437.2</u>
RefSeq Size:	3193 bp
RefSeq ORF:	1455 bp
Locus ID:	11671
UniProt ID:	<u>P47740</u>
Cytogenetics:	11 37.96 cM
MW:	54 kDa