

Product datasheet for **RR214002A1V**

Rat Aldh2 (NM_032416) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Aldh2 (NM_032416) AAV Particle
Tag:	Myc-DDK
Symbol:	Aldh2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RR214002 representing NM_032416
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGCGCGCCGACTCAGCACCGCCCGCTGGGCCACGCCTGAGCCGCTGTGTCCGCCGCCGCCA
 CCAGCGGGTGCAGCCCCAACAGCAGCCCGAGGTCTTCTGCAACCAGATCTTCATTAACAATGAGTG
 GCATGATGCTGTAGCAAGAAAACATCCCCACCGTCAACCCTTCCACGGGGAGGTTCATCTGCCAGGTA
 GCCGAAGGGAACAAGGAGGACGTAGACAAGGCAGTGAAGGCCGCTCAGGCAGCCTTCCAGCTGGGCTCGC
 CCTGGCGCCGATGGATGCATCTGACAGGGGCCGGCTGTTGTACCGATTGGTGATCTCATCGAACGGGA
 CCGGACCTACCTGGCGCCTTGGAGACCCTGGACAACGGCAAGCCTTATGTCATCTCCTACCTGGTGGAT
 TTGGACATGGTTCTGAAATGTCTCCGCTATTATGCTGGCTGGGCTGACAAGTACCACGGGAAAACATTC
 CCATCGATGGCGACTTCTCAGCTACACCCGCCAGAGCCTGTGGCGTGTGTGGACAGATCATTCCGTG
 GAATTCCTCGCTCCTGATGCAAGCCTGGAAGCTGGGCCCTGCCTGGCAACTGGAACGTTGGTGGTATG
 AAAGTGGCCGAGCAGACACCGCTCACTGCACTCTACGTGGCAACTTGATCAAGGAGGCAGGCTTCCCC
 CTGGTGTGGTCAATATTGTTCCCTGGATTCCGGCCCTACCGCCGGGGCTGCCATCGCGTCCCACGAGGATG
 GGACAAAGTGGCCTTACAGGTTCCACTGAGGTTGGTACCTAATCCAGGTTGCCGCCGGGAGCAGCAAT
 CTCAAGAGAGTAACCCTGGAAGTGGGGGAAAGAGCCCCAATATCATCATGTCAGACGCTGACATGGACT
 GGGCTGTGGAACAGGCCACTTTGCCCTGTTCTTCAACCAGGGCCAGTGTGTTGTGCGGGCTCCCGGAC
 CTTCTGTCAGGAGGATGTGTATGATGAATTCGTGGAACGAGTGTGGCCCGGCAAGTCTCGGGTGGT
 GGAACCCCTTTCGACAGCCGACGGAGCAGGGCCGCAAGTGTGACTCAGTTAAGAAGATCCTGG
 GCTATATCAAGTCAGGACAACAAGAAGGGGCGAAGCTGCTGTGCGGTGGGGCGCCCGCCGACCGTGG
 TTACTTCCAGCCCACCGTGTTCGGAGACGTCAAAGATGGCATGACCATCGCCAAGGAGGAGATCTTC
 GGACAGTGATGCAGATCCTCAAATTAAGACCATTGAGGAGGTTGTGGGCGAGCCAATAATTCCAAGT
 ACGGGCTGGTCCGCTGTCTTCAAAAGGACCTGGACAAGGCCAATTACCTGTCCCAAGCTCTGCAGGC
 TGGGACTGTGTGGATCAACTGCTACGATGTGTTTGGGGCCAGTCCCCATTTGGTGGCTATAAGATGTGC
 GGGAGCGGCAGGGAGCTGGGCGAGTATGGCCTGCAGGCCACACGGAAGTGAAGACGGTCAACGTCAAAG
 TGCCACAGAAGAACTCGTGCCACAGAAGAACTCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR214002 representing NM_032416
 Red=Cloning site Green=Tags(s)

MLRAALSTARRGPRLSRLLSAAATSAVPAPNQPEVFCNQIFINNEWHDAVSKKTFPTVNPSTGEVICQV
 AEGNKEDVDKAVKAAQAFQLGSPWRRMDASDRGRLLYRLADLIERDRTYLAALETLDNGKPYVISYLV
 LDMVLKCLRYAGWADKYHGKTIPIIDGDFFSYTRHEPVGCGQIIPWNFPLLMQAWKLPALATGNVVM
 KVAEQTLTALYVANLKEAGFPPGVVNIYPGFPTAGAAIASHEDVDKVAFTGSTEVGHLIQVAAGSSN
 LKRVTLELGGKSPNIIMSDADMWAVEQAHFALFFNQGCCAGSRTFVQEDVYDEFVERSVARAKSRV
 GNPFDSTRTEQGPQVDETQFKKILGYIKSGQEQEGAKLLCGGAAAADRGYFIQPTVFGDVKDGMTIAKEEIF
 GPVMQILKFKTIEEVVGRANNSKYGLAAAVFTKDLKANYLSQALQAGTVWENCYDVFGAQPSPFGYKMS
 GSGRELGEYGLQAYTEVKTVTVKVPQKNSCHRRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Rat

Serotype:

AAV-2

ACCN:

NM_032416

ORF Size:	1557 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_032416.1</u>
RefSeq Size:	1889 bp
RefSeq ORF:	1560 bp
Locus ID:	29539
UniProt ID:	<u>P11884</u>
Cytogenetics:	12q16
MW:	56.5 kDa