

Product datasheet for **MR210364A1V**

Mouse Abcd1 (NM_007435) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Abcd1 (NM_007435) AAV Particle
Tag:	Myc-DDK
Symbol:	Abcd1
Synonyms:	A; Ald; Aldgh; ALDP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR210364 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGCCGGTGCTCTCCACTCCCCGGCCCTCACGGGTGACCACGCTGAAGCGCACAGCTGTGGTCCTGGCCC
TCACAGCCTATGGAGTCCACAAAATCTACCCTCTAGTACGGCAGTGTCTGACTCCTGCCAGAGGTCCTCA
GGTGCCAGCTGGGGAGCCCACTCAAGAGGCCTCTGGAGCCACCGCAACCAAGGCTGGCATGAACCGGGTA
TTCCTGCACGGCTCTTGGCGCTCCTGAGGCTGCTGTTCCCCGAGTCTTGTGCCGGAAACAGGGCTGC
TGGCCCTGCATTCTGCTGCCCTGGTAAGCCGAACCTTCTGTCTGTGTATGTTGCCCGCTGGACGGCAG
ACTGGCCCGCTGCATTGTACGTAAGGACCCGCGGCCCTTCTAGTGGCAACTGCTGCAGTGGCTCCTCATC
GCCCTTCTGCCACTTTCATCAACAGTCCATCCGCTACCTAGAGGGCCAGCTGGCTCTTCTTTCCGAA
GCCGTCTAGTAGCTCATGCCTATGGACTCTACTTCTCCAACAGACTTACTACCGAGTAAGCAACATGGA
TGGACGACTTCGAAACCCTGATCAGTCTCTGACAGAGGATGTGGTAGCCTTTGCTGCCTCTGTAGCCAC
CTTTATTTCAACCTGACCAAGCCACTCCTGGATGTGGCTGTGACCTCCTACACTCTCCTCGAGCTGCC
GATCCCGAGGAGCTGGCACAGCCTGGCCCTCAGCCATCGCTGGCTGGTGGTGTCTCTCACAGCCAACGT
GCTTCGAGCCTTCTCTCCAAGTTTGGGGAGCTAGTGGCAGAGGAGGCACGGCGAAAGGGGAACTGCGC
TACATGCACTCTCGAGTGGTGGCCAACCTCAGAGGAAATTCCTTCTACGGGGCCATGAGGTGGAAGTGG
CACTACTACAGCACTCTATCAAGACCTAGCTTACAGATCAACCTCATCCTGCTTGAGCGCCTATGGTA
TGTCATGCTGGAACAGTTCTCATGAAATATGTGTGGAGTGCATCTGGCTGCTCATGGTAGCTGCCCC
ATCATCACAGCCACTGGCTATGCAGAGTCAGACTCAGAAGCCATGAAGAAGGCAGCCTTGGAATGAAGG
AAGAGGAGCTGGTTAGTGAGCGTACAGAAGCTTTCACCATGCCCCGAAACCTCCTCACAGCTGCTGCAGA
TGCCACCGAAAAGGATCATGTCTTTATAAGGAGGTGACAGAGCTGGCTGGCTACACAGCCAGGGTGTAC
GAGATGTTCCAGGTATTTGAAGATGTCAAACACTGTCGTTTTAAGAGGACAGGAGATCTAGAGGAGGCTC
AGGCTGGGCTGGGGTACGTACAGTCTGGTGTCCATGTAGAGGGGCCCTGAAGATCCAAGGCCAAGT
TGTGGATGTGGAGCAGGGGATCATCTGTGAGAACATCCCTATCATCACACCCACTGGAGAGGTGGTGGT
GCCAGCCTCAACATCAGGTGGAGGAAGGCATGCACCTGCTCATCACAGGCCCAATGGCTGTGGCAAGA
GTTCTCTGTTCCGAATCCTAGGTGGACTCTGGCCACATACAGTGGTGTACTCTATAAGCCCCACCCCA
GCGCATGTTCTATATCCCTCAGAGGCCCTACATGTCCGTGGGCTCCTTGCCTGACCAAGTGATCTATCCC
GACTCTGCGGAAGACATGCGGAGGAAGGCTGCTCGGAGCAGCAGCTGGAAGCAATCCTGGGCATCGTGC
ATCTCCGCCACATCCTGCAACGGGAGGGAGGTTGGGAGGCAAGTGTGTGACTGGAAGGACGTCCTGTCTGG
AGGTGAGAAGCAGAGGATTGGTATGGCGCGCATGTTCTACCACAGGCCCAAGTACGCCCTCCTGGATGAG
TGCACTAGTGCCGTGAGCATTGATGTGGAAGGCAAGATCTTCCAAGCAGCCAAAGATGCTGGTATCGCAC
TGCTCTCCATCACCCATCGACCTCCCTATGGAAGTACCACACACTTGCTGCAGTTTGATGGGGAAGG
AGGCTGGAAGTTTGAGAAGCTGGATTCTGCTGCCCGCTGAGCCTGACTGAAGAGAAGCAGCGCTGGAG
CAGCAACTGGCGGGCATCCCCAAGATGCAGGGGCGCCTTCAGGAGCTCCGCCAGATCCTTGGCGAAGCTG
CAGTCCAGTTCAACCCCTGGTCCCAGGAGTCCCCACT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210364 protein sequence Red=Cloning site Green=Tags(s) MPVLSTPRPSRVTTLKRTAVVLALTAYGVHKEYPLVRQCLTPARGPQVPAGEPTQEASGATATKAGMNRV FLQRLALLRLLFPRVLCRETGLLALHSAALVSRTFLSVYVARLDGRLARCIVRKDPRAFSWQLLQWLLI ALPATFINSAIRYLEGQLALSFRSRLVAHAYGLYFSQQTYRVSNM DGRLRNPDSL TEDVVAFAASVAH LYSNLTKPLLDVAVTSYTLRAARSRGAGTAWPSAIAGLVVFLTANVLRASF PKFGELVAEEARRKGELR YMSRVVANSEEIAFYGGHEVELALLQHSYQDLASQINLILLERLWYVMLEQFLMKYVWSASGLLMVAVP IITATGYAESDSEAMKKAAL EMKEEELVSETEAFTIARNLLTAAADATERIMSSYKEVTELAGYTARVY EMFQVFEDVKHCRFKRTGDLEEAQAGPGVMVQSGVHVEGPLKIQQGVVDVEQGIICENIPIITPTGEVVV ASLNIRVEEGMHLLITGPNGCGKSSLFRILGGLWPTYSGVLKPPPQRMFYIPQRPYMSVGLRDQVIYP DSAEDMRRKGCSEQQLEAILGIVHLRHILQREGGWEAVCDWKDVL SGGEKQRIGMARMFYHRPKYALLDE CTSAVSIDVEGKIFQAAKDAGIALLSITHRPSLWKYHTHLLQFDGEGGWKFEKLSAARLSLTEEKQRLE QQLAGIPKMQGRLQELRQILGEAAPVQPLVPGVPT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_007435
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F1455
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_007435.1, NP_031461.1</u>
RefSeq Size:	3421 bp
RefSeq ORF:	2211 bp
Locus ID:	11666
UniProt ID:	<u>P48410</u>
Cytogenetics:	X 37.39 cM
MW:	81.9 kDa