

Product datasheet for **RC215367A1V**

Human Alcohol Dehydrogenase (ADH1A) (NM_000667) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Alcohol Dehydrogenase (ADH1A) (NM_000667) AAV Particle
Tag:	Myc-DDK
Symbol:	Alcohol Dehydrogenase
Synonyms:	ADH1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC215367 representing NM_000667 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCACAGCAGGAAAAGTAATCAAATGCAAAGCAGCTGTGCTATGGGAGTTAAAGAAACCCCTTTTCCA
TTGAGGAGGTAGAGGTTGCACCTCCTAAGGCTCATGAAGTTCGCATTAAGATGGTGGCTGCAGGAATCTG
TCGTTCCAGATGAGCATGTGGTTAGTGGAACCTGGTGACCCCCCTTCTGTGATTTTAGGCCATGAGGCA
GCCGGCATCGTGGAAAGTGTTGGAGAAGGGTGACTACAGTCAAACAGGTGATAAAGTCATCCCGCTCT
TTACTCCTCAGTGTGAAAAATGCAGAATTTGAAAAACCCAGAAAGCAACTACTGCTTGAAAAATGATCT
AGGCAATCCTCGGGGGACCTGCAGGATGGCACCAGGAGGTTACCTGCAGCGGGAAGCCCATCCACCAC
TTCGTCGGCGTCAGCACCTTCTCCAGTACACGGTGGTGGATGAGAATGCAGTGGCCAAAATTGATGCAG
CCTCGCCCCTGGAGAAAGTCTGCCTCATTGGCTGTGGATTTTCGACTGGTTATGGGTCTGCAGTCAAGGT
TGCCAAGGTCACCCCAGGGTCTACCTGTGCTGTGTTTGGCCTGGGAGGGTGGCCTATCTGTTGTTATG
GGCTGTAAAGCAGCTGGAGCAGCCAGAATCATTGCTGTGGACATCAACAAGGACAAATTTGCAAAGGCTA
AAGAGTTGGGTGCCACTGAATGCATCAACCCTCAAGACTACAAGAAACCCATTAGGAAGTGCTAAAGGA
AATGACTGATGGAGGTGTGGATTTTCGTTTGAAGTCATCGGTGGCTTGACACCATGATGGCTTCCTG
TTATGTTGTCATGAGGCATGTGGCACAAGTGTCATTGTAGGGGTACCTCCTGATTCACAGAACCTCTCAA
TAAACCTATGCTGCTACTGACTGGACGCACGTGGAAAGGAGCTATTTTGGAGGCTTTAAGAGTAAAGA
ATCTGTCCCCAACTTGTGGCTGACTTTATGGCTAAGAAGTTTCACTGGATGCATTAATAACAAATATT
TTACCTTTTGAATAAATAAAGGATTTGACCTGCTTCGCTCTGGAAGAGTATCCGTACCATTCTGA
TGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC215367 representing NM_000667 Red=Cloning site Green=Tags(s) MSTAGKVIKCKAAVLWELKKPFSIEEEVAPPKAHEVRIKMVAAGICRSDEHVVSGNLVTPLPVILGHEA AGIVESVGEGVTTVKPGDKVIPLFTPQCGKCRICKNPESNYCLKNDLGNPRGTLQDGTRRFTCSGKPIHH FVGVSFSTQYTVVDENAVAKIDAASPLEKVCLIGCGFSTGYGSAVKVAKVTPGSTCAVFGLGGVGLSVVM GCKAAGAARIIAVDINKDKFAKAKELGATECINPDYKKPIQEVLKEMTDGGVDFSFEVIGRLDTMMASL LCCHAEAGTSVIYGVPPDSQNLINPMLLLTGRTWKGAIFGGFKSKESVPKLVADFMAKKFSLDALITNI LPFEKINEGFDLLRSGKSIRTILMF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000667
ORF Size:	1125 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:	NM_000667.2
RefSeq Size:	1456 bp
RefSeq ORF:	1128 bp
Locus ID:	124
UniProt ID:	P07327
Cytogenetics:	4q23
MW:	39.7 kDa