

Product datasheet for **RC201545A1V**

Human ALAD (NM_000031) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALAD (NM_000031) AAV Particle
Tag:	Myc-DDK
Symbol:	ALAD
Synonyms:	ALADH; PBGS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201545 representing NM_000031 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCTGTGCCCACTGGCCACGCCATGCAGCCCCAGTCCGTTCTGCACAGCGGCTACTTCCACCCAC
TACTTCGGGCCTGGCAGACAGCCACCACCCTCAATGCCTCCAACCTCATCTACCCCATCTTTGTAC
GGATGTTCTGATGACATACAGCCTATCACCAGCCTCCAGGAGTGGCCAGGTACGGTGTGAAGCGGCTG
GAAGAGATGCTGAGGCCCTTGGTGAAGAGGGCCTACGCTGTGCTTGTATCTTTGGCGTCCCCAGCAGAG
TTCCCAAGGACGAGCGGGTTCCGAGCTGACTCCGAGGAGTCCCAGCTATTGAGGCAATCCATCTGTT
GAGGAAGACCTTCCCCAACCTCCTGGTGGCCTGTGATGTCTGCCTGTGTCCCTACACCTCCCATGGTCAC
TGCGGGCTCCTGAGTGAAAACGGAGCATTCCGGGCTGAGGAGAGCCGCCAGCGCTGGCTGAGGTGGCAT
TGGCGTATGCCAAGGCAGGATGTCAGGTGGTAGCCCCGTGGACATGATGGATGGACGCGTGGAAGCCAT
CAAAGAGGCCCTGATGGCACATGGACTTGGCAACAGGGTATCGGTGATGAGCTACAGTGCCAAATTTGCT
TCCTGTTTCTATGGCCCTTCCGGGATGCAGCTAAGTCAAGCCCAGCTTTGGGACCGCGCTGCTACC
AGCTGCCCCCTGGAGCACGAGGCTGGCTCTCCGAGCTGTGGACCGGATGTACGGGAAGGAGCTGACAT
GCTCATGGTGAAGCCGGGAATGCCCTACCTGGACATCGTGCAGGAGGTAAAGGACAAGCACCTGACCTC
CCTCTCGCCGTGTACCAGTCTCTGGAGAGTTGCCATGCTGTGGCATGGAGCCCAGGCCGGGGCATTGT
ATCTCAAGGCTGCCGTACTGGAGGCCATGACTGCCTTCCGAGAGCAGGTGCTGACATCATCATCACCTA
CTACACACCGCAGCTGCTGCAGTGGCTGAAGGAGGAA

AC**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201545 representing NM_000031 Red=Cloning site Green=Tags(s) MPLCPLAHAMQPQSVLHSGYFHPLLRAWQTATTTLNASNLIYPIFVTDVPDDIQPITSLPGVARYGVKRL EEMLRPLVEEGLRCVLIFGVPSRVPKDERGSAADSEESPAIEAIIHLLRKTFPNLLVACDVCLCPYTSHGH CGLLSENGAFRAEESRQLAEVALAYAKAGCQVVAPSDMMDGRVEAIKEALMAHGLGNRVSVMSYSAKFA SCFYGPFRDAKSSPAFGDRRCYQLPPGARGLALRAVDRDVREGADMLMVKPGMPYLDIVREVKDKHPDL PLAVYHVSGEFAMLWHGAQAGAFDLKAAVLEAMTAFRRAGADIIITYYTPQLLQWLKEE SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000031
ORF Size:	1017 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_000031.4 , NP_000022.2
RefSeq Size:	3151 bp
RefSeq ORF:	993 bp
Locus ID:	210
UniProt ID:	P13716
Cytogenetics:	9q32
MW:	37.23 kDa