

Product datasheet for **RC201125A1V**

Human **ALDH3B2 (NM_001031615)** AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ALDH3B2
Synonyms:	ALDH8
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC201125 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTTCGTGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCGC**
GCCC

ATGAAGGATGAACCACGGTCCACGAACCTGTTTCATGAAGCTGGACTCGGTCTTCATCTGGAAGGAACCTT
TTGGCCTGGTCTCATCATCGCACCTGGAACCTACCACTGAACCTGACCCTGGTGCTCCTGGTGGCGC
CCTCGCCGACAGGAGTTGCGTGGTGCTGAAGCCGTCAGAAATCAGCCAGGGCACAGAGAAGGTCTGGCT
GAGGTGCTGCCAGTACCTGGACAGAGCTGCTTTGCCGTGGTGCTGGGCGGACCCAGGAGACAGGGC
AGCTGCTAGAGCACAAGTTGGACTACATCTTTCACAGGGAGCCCTCGTGTGGGAAGATTGTCATGAC
TGCTGCCACCAAGCACCTGACGCTGTACCCCTGGAGCTGGGGGCAAGAACCCTGCTACGTGGACGAC
AACTGCGACCCCCAGACCGTGGCCAACCGCGTGGCCTGGTTCTGCTACTTCAATGCCGCCAGACCTGCG
TGGCCCTGACTACGTCTGTGCAGCCCCGAGATGCAGGAGAGGCTGCTGCCGCCCTGCAGAGCACCAT
CACCCGTTTCTATGGCGACGACCCAGAGCTCCCCAACTGGGCGCATCATCAACCAGAAACAGTTC
CAGCGGCTCGGGCATTGCTGGGCTCGGCGCGTGGCCATTGGGGGCCAGAGCAACGAGAGCGATCGCT
ACATCGCCCCACGGTGTGTTGGACGTGCAGGAGACGGAGCCTGTGATGCAGGAGGAGATCTTCGGGCC
CATCCTGCCCATCGTGAACGTGCAGAGCGTGGACGAGGCCATCAAGTTCATCAACTGGCAGGAGAAGCCC
CTGGCCCTGTACGCCTTCTCCAACAGCAGCCAGGTTGTGAACCAGATGCTGGAGCGGACAGCAGCGGCA
GCTTTGGAGGCAATGAGGGCTTCACCTACATATCTCTGCTGTCCGTGCCATTGGGGGAGTCGGCCACAG
TGGGATGGGCGGTACCACGGCAAGTTCACCTTCGACACCTTCTCCACCAACCGCACCTGCCTGCTCGCC
CCCTCCGGCCTGGAGAAATTAAGGAGATCCACTACCCACCCTATACCGACTGGAACCAGCAGCTGTTAC
GCTGGGGCATGGGCTCCAGAGCTGTACCTCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA



Protein Sequence:	>RC201125 protein sequence Red=Cloning site Green=Tags(s) MKDEPRSTNLFMKLDSVFIWKEPFGVLIIAPWNYPLNLTLLVLLVGALAAGSCVVLKPSEISQGTEKVLAEVLPQYLDQSCFAVVLGGPQETGQLEHKLDYIFFTGSPRVGKIVMTAATKHLTPVTLELGGKNPCYVDDNCDPQTVANRVAWFCYFNAGQTCVAPDYVLCSPQMQLPALQSTITRFYGGDPQSSPNLGRINQKQFQRLRALLGCCGRVAIGGQSNESDRYIAPTVLVDVQETEPVMQEEIFGPILPIVNVQSVDEAIKFINWQEKPLALYAFSNSQVNVNQLERTSSGSFGGNEGFTYISLLSVPFGGVGHSGMGRYHGKFTFDTFSHHRTCLLA PSGLEKLKEIHYPPTYDWNQQLLRWGMGSQSCTLL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001031615
ORF Size:	1155 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_001031615.1, NP_001026786.1</u>
RefSeq Size:	2504 bp
RefSeq ORF:	1158 bp
Locus ID:	222
Cytogenetics:	11q13.2
MW:	42.7 kDa