

Product datasheet for **RC220062A1V**

Human ALDOB (NM_000035) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALDOB (NM_000035) AAV Particle
Tag:	Myc-DDK
Symbol:	ALDOB
Synonyms:	ALDB; ALDO2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220062 representing NM_000035 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCACCGATTTCCAGCCCTACCCAGGAGCAGAAGAAGGAGCTCTCAGAAATTGCCAGAGCATTG
TTGCCAATGGAAGGGGATCCTGGCTGCAGATGAATCTGTAGGTACCATGGGAACCGCTGCAGAGGAT
CAAGGTGGAACACTGAAGAGAACCGCCGGCAGTCCGAGAAATCCTTCTGTGGACAGTTCATC
AACCAGAGCATCGGGGTGTGATCCTTTCCACGAGACCCTCTACCAGAAGGACAGCCAGGAAAGCTGT
TCAGAAACATCCTCAAGGAAAGGGGATCGTGGTGGGAATCAAGTTAGACCAAGGAGGTGCTCCTTTGC
AGGAACAAACAAAGAAACCACCATTCAGGGCTTGATGGCCTCTCAGAGCGCTGTGCTCAGTACAAGAAA
GATGGTGTGACTTTGGGAAGTGGCGTGTGCTGAGGATTGCCGACCAGTGTCCATCCAGCCTCGCTA
TCCAGGAAAACGCCAACGCCCTGGCTCGCTACGCCAGCATCTGTGAGCAGAAATGGACTGGTACCTATTGT
TGAACCAGAGGTAATTCCTGATGGAGACCATGACCTGGAACACTGCCAGTATGTTACTGAGAAGGTCCTG
GCTGCTGTCTACAAGGCCCTGAATGACCATCATGTTTACCTGGAGGGCACCTGCTAAAGCCCAACATGG
TGACTGCTGGACATGCCTGCACCAAGAAGTATACTCCAGAACAAGTAGCTATGGCCACCGTAACAGCTCT
CCACCGTACTGTTCTGCAGCTGTTCTGGCATCTGCTTTTGTCTGGTGGCATGAGTGAAGAGGATGCC
ACTCTCAACCTCAATGCTATCAACCTTTGCCCTCTACCAAAGCCCTGGAACTAAGTTTCTCTTATGGAC
GGGCCCTGCAGGCCAGTGCACTGGCTGGCTGGGTGGCAAGGCTGCAACAAGGAGGCAACCCAGGAGGC
TTTTATGAAGCGGGCCATGGCTAACTGCCAGGCGGCCAAAGGACAGTATGTTTCATACGGTTCTTCTGGG
GCTGCTTCCACCCAGTCGCTCTTCACAGCCTGTATACCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220062 representing NM_000035 Red=Cloning site Green=Tags(s) MAHRFPALTQEQQKELSEIAQSIIVANGKGILAADESVGTMGNRLQRIKVENTEENRRQFREILFSVDSSI NQSIGGVILFHETLYQKDSQGKLFNRILKEGIVVGIKLDQGGAPLAGTNKETTIQGLDGLSERCAQYKK DGVDFGKWRVLRADQCPSSLAIQENANALARYASICQQNGLVPIVEPEVIPDGDHDLHCQYVTEKVL AAVYKALNDHHVYLEGTLLKPNMVTAGHACTKKYTPEQVAMATVTALHRTVPAAVPGICFLSGGMSEEDA TLNLNAINLCPLPKPWKLSFSYGRALQASALAAWGGKAANKEATQEA FMKRAMANCQAAGQYVHTGSSG AASTQSLFTACYTY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000035
ORF Size:	1092 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_000035.2
RefSeq Size:	1669 bp
RefSeq ORF:	1095 bp
Locus ID:	229
UniProt ID:	P05062
Cytogenetics:	9q31.1
MW:	39.3 kDa