

Product datasheet for **RC225873A1V**

Human AHCYL2 (NM_001130723) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	AHCYL2
Synonyms:	ADOHCYASE3; IRBIT2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence: >RC225873 representing NM_001130723
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAAGTGGGACGGTAATGAGGGCACCTCAGCTTTTACATGCCTGAGTGGATGATCCAGTTTGCTG
 ACCAGAAGCAAGAATTCAACAAACGTCCCACCAAAATTGGACGTCGCTCTTTGTCTCGTTCCATTCTCA
 GTCATCTACTGACAGCTACAGCTCAGCGGTTTCATATACAGATAGCTCTGATGATGAGACATCGCCCAGG
 GACAAGCAGCAAAAGAACTCTAAGGGAAGCAGTGACTTCTGTGTTAAGAACATCAAACAGGCAGAGTTTG
 GACGAAGAGAAATTGAAATTGCTGAACAAGAAATGCCTGCATTGATGGCTTTGAGGAAGAGAGCTCAAGG
 AGAAAAGCCTTTGGCTGGAGCCAAATCGTGGGTTGCACACACATCACTGCTCAGACTGCTGTGCTTATG
 GAAACTCTGGGTGCTCTGGGGGCCAGTGCCGATGGGCTGCCTGCAACATCTATTCCACTCTCAATGAAG
 TGGCTGCTGCTCTAGCAGAAAGTGGATTTCTGTTTTTGCCTGGAAGGGAGAGTCAGAAGATGACTTTTG
 GTGGTGTATCGATAGATGTGTAATGTGGAGGGCTGGCAGCCAAACATGATCTTGGATGATGGAGGGAT
 CTTACCCACTGGATTTATAAAAGTATCCCAACATGTTTAAGAAAATCAAGGGCATAGTAGAGGAGAGTG
 TTAAGTGGATTCACAGGCTGTACCAACTGTCCAAAGCTGGGAAGCTGTGTGTTCCAGCCATGAATGTCAA
 TGACTCAGTCACCAACAGAAATTTGACAACCTCTACTGTTGCCGTGAATCAATTCTTGATGGACTTAA
 AGGACAACAGACATGATGTTTGGTGGAAAGCAAGTGGTAGTCTGTGGCTATGGAGAGGTGGGAAAGGGT
 GCTGTGCTGCCCTGAAAGCCATGGGCTCCATTGTGTATGTAAGTGAATGACCCCATCTGTGCCCTGCA
 AGCCTGTATGGATGGATTTGACTGGTGAATTAATGAGGTCATCCGACAAGTGGACATTGTTATTACC
 TGTACAGGTAACAAGATGTGGTAACAGAGAGCACTGGACCGTATGAAGAATAGCTGCATCGTTTGT
 ACATGGGACATTCCAACACAGAGATTGACGTGGCGAGTCTGCGGACACCAGAACTGACCTGGGAGCGAGT
 GAGATCTCAAGTTGACCATGTGATATGGCCTGATGGCAAGAGGATAGTACTGCTGGCAGAGGGCCGCTG
 CTGAACCTTAGCTGCTCCACAGTGCCTACATTTGTGCTCTCAATCACTGCTACTACTCAGGCTCTTGCT
 TGATAGAGCTTTACAATGCTCCTGAGGGTCGCTATAAGCAGGATGTCTACCTGTTGCCCAAGAAGATGGA
 TGAGTATGTGGCCAGCCTACACCTGCCTACCTTTGATGCCCACTTGACAGAGCTGACAGATGAACAGGCC
 AAGTATCTGGGACTCAACAAGATGGGCCCTTCAAGCCTAATTACTACAGGTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225873 representing NM_001130723
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MEKWDGNEGTSAFHMPWMIQFADQKQEFNKRPTKIGRRSLSRISQSSDTSYSSAASYTDSDDETSPR
 DKQKQKNSKGSDFCVKNIKQAEFGRRIEIEAEQEMPALMALRKRAQGEKPLAGAKIVGCTHITAQTAVLM
 ETLGALGAQCRWAACNIYSTLNEVAAALAESGFPVFAWKGESEDDFWWCIDRCVNVEGWQPNMILDDGGD
 LTHWIYKKYPNMFKKIKIGIVEESVTGVHRLYQLSKAGKLCVPAMNVNDSVTQKFDNLYCCRESILDGLK
 RTTDMFMFGKQVVVCGYGEVKGCCAALKAMGSIVYVTEIDPICALQACMDGFRLVKLNEVIRQVDIVIT
 CTGNKNVVTRHLDRMKNSCIVCNMGHSNTEIDVASLRPELTWERVRSQVDHVIWPDGKRIVLLAEGRL
 LNLSCSTVPTFVLSITATTQALALIELYNAPEGRYKQDVYLLPKKMDEYVASLHLPFD AHL TELTDEQA
 KYLGLNKGPFKPNYYRY

TRTRPLE**QKLI**SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001130723

ORF Size: 1524 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_001130723.1
RefSeq ORF:	1527 bp
Locus ID:	23382
UniProt ID:	Q96HN2
Cytogenetics:	7q32.1
MW:	56.8 kDa