

Product datasheet for **RC220733A1V**

Human COASY (NM_025233) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COASY (NM_025233) AAV Particle
Tag:	Myc-DDK
Symbol:	COASY
Synonyms:	DPCK; NBIA6; NBP; PCH12; pOV-2; PPAT; UKR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220733 representing NM_025233
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGTATTCCGGTCGGGTCTCTGGTGCTGACGACGCCGCTGGCCTCCCTAGCCCCCTCGCCTGGCCT
 CCATCCTGACCTCGGCCGCCCGGCTGGTGAATCACACACTCTATGTTACCTGCAGCCGGGCATGAGCCT
 GGAGGGCCCGGCTCAGCCCCAGTACAGCCCCGTGACAGGCCACGTTTGGGTTCTTGATTTTCATCAGCAC
 CTCTATGCTGGCGCCGACGTCCACAGGCACTTGGACGTGAGAATCCTACTGACCAATATCCGAACCAAGA
 GCACCTTTCTCCCTCCCTGCCACCTCAGTCCAGAATCTCGCCACCCGCCAGAAGTCGTGTTGACAGA
 TTTCCAGACCCTGGATGGAAGCCAGTACAACCCGGTCAAACAGCAGCTAGTGCGTTACGCCACCAGCTGT
 TACAGCTGTTGTCCGCGACTGGCCTCGGTGCTGCTATACTCCGATTATGGGATAGGAGAAGTGCCCGTGG
 AGCCCCGGATGTCCCTTACCCTCCACGATCAGGCCAGCTTCCCCCGTGGCCGGGTCTCCAAGCAGCC
 GGTGCGTGGCTACTACCGTGGCGCTGTGGTGGCAGCTTGGCCGCTGCACAACGCCCAAGGTGTTG
 CTCAGTGTGCGGTGCATCCTGGCCAGGAGCAGCTTGTGGTGGGAGTAGCAGACAAGATCTGTTGAAGA
 GCAAGTTGCTCCCTGAGCTGCTCCAACCTTATACAGAAGCTGTGGAACATCTGAGTGAATTCCTGGTGA
 CATCAAGCCCTCCTTGACTTTTGATGTCATCCCTGCTGGACCCCTATGGGCCCGCTGGCTCTGACCCC
 TCCCTGGAGTTCTGGTGGTCAGCGAGGAGACCTATCGTGGGGGATGGCCATCAACCGCTTCCGCTTG
 AGAATGACCTGGAGGAACCTGCTTTGTACCAGATCCAGCTGCTGAAGGACCTCAGACATACGGAGAATGA
 AGAGGACAAAGTCAGCTCCTCCAGCTTCCGCCAGCGAATGTTGGGGAACCTGCTTCGGCTCCATATGAA
 AGGCCAGAGCTCCCAACATGTCTATGTAATTGGGCTGACTGGCATCAGTGGCTCTGGGAAGAGCTCAA
 TAGCTCAGCGACTGAAGGGCCTGGGGCGTTTGTGATTGACAGTGACCACCTGGGTCTCGGGCCTATGC
 CCCAGGTGGCCCTGCCTACCAGCCTGTGGTGGAGGCCTTTGGAACAGATATTCTCCATAAAGATGGCATC
 ATCAACAGGAAGTCTAGGCAGCCGGGTGTTTGGGAATAAGAAGCAGCTGAAGATACTACGGACATTA
 TGTGGCCAATTATCGAAAGCTGGCCCGAGAGGAGATGGATCGGGCTGTGGCTGAGGGAAAGCGTGTGTG
 TGTGATTGATGCCGCTGTGTTGCTTGAAGCCGGCTGGCAGAACCTGGTCCATGAGGTGTGGACTGCTGTC
 ATCCCAGAGACTGAGGCTGTAAAGCGCATTGTGGAGAGGGATGGCCTCAGTGAAGCCGCGGCTCAAAGCC
 GGCTGCAGAGCCAGATGAGCGGGCAGCAGCTTGTGGAACAGAGCCACGTGGTGTCTCAGCACCTTGTGGGA
 GCCGCATATACCCAACGCCAGGTGGAGAAAGCCTGGGCCCTCTTGCAAGCGCATTCCCAAGACTCAT
 CAGGCCCTCGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220733 representing NM_025233
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MAVFRSGLLVLTTPLASLAPRLASILTSARLVNHTLYVHLQPGMSLEGPAQPQYSPVQATFEVLDFITH
 LYAGADVHRHLDVRILLTNIRTKSTFLPPLPTSVQNLAHPPEVVLTDFTLDGSQYNPVKQQLVRYATSC
 YSCCPRLASVLLYSYDYGIEVPVEPLDVPLSTIRPASPVAGSPKQPVRYRGAVGGTFDRLHNAHKVL
 LSVACILAEQQLVVGVDKDLLKSKLLPELLQPYTERVEHLSEFLVDIKPSLTFDVIPLLDYPGPAGSDP
 SLEFLVSEETYRGGMAINRFRENDLEELALYQIQLLKDLRHTENEEDKVSSSSFRQRMGLNLRPPYE
 RPELPTCLYVIGLTGISGSGKSSIAQRLKGLGAFVIDSDHLGHRAYAPGGPAYQPVVEAFGTDILHKDGI
 INRKVLGSRVFGNKKQLKILTDIMWPIIAKLAREEMDRAVAEGKRVCVIDAALLLEAGWQNLVHEVWTAV
 IPETEAVRRIVERDGLSEAAQSRQLSQMSGQQLVEQSHVVLSTLWEPHITQRQVEKAWALLQKRIKPTH
 QALD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_025233
ORF Size:	1692 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_025233.4</u> , <u>NP_079509.4</u>
RefSeq Size:	2470 bp
RefSeq ORF:	1695 bp
Locus ID:	80347
UniProt ID:	<u>Q13057</u>
Cytogenetics:	17q21.2
MW:	62.1 kDa