

Product datasheet for **RC207337A1V**

Human CRY2 (NM_021117) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CRY2 (NM_021117) AAV Particle
Tag:	Myc-DDK
Symbol:	CRY2
Synonyms:	HCRY2; PHLL2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207337 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGCGACTGTGGCGACGGCGGCGAGCTGTGGCCCCGGCGCCAGCGCCGGCACGGACAGCGCCTCTT
 CGGTGCACTGGTTCCGCAAAGGGCTGCGACTCCACGACAACCCGGCGTTGCTGGCGGCCGTGCGCGGGC
 GCGCTGCGTGCGTTCGTTTACATTCTCGACCCGTGGTTCGCGGCCCTCCTCCTAGTCGGGATCAACCGA
 TGGAGGTTCTACTTCACTCTCTGGAAGATTTGGACACAAGTTTAAGGAACTGAACTCCCGCCTGTTTG
 TAGTCCGGGGACAGCCAGCCGACGTGTTCCCAAGGCTGTTCAAGGAATGGGGAGTGACCCGCTTGACCTT
 TGAATATGACTCTGAACCCTTTGGGAAAGAACGGGATGCAGCCATCATGAAGATGGCCAAGGAGGCTGGT
 GTGGAAGTAGTGACGGAGAATTCTCATACCTCTATGACCTGGACAGGATCATTGAGCTGAATGGGCAGA
 AGCCACCCCTTACATACAAGCGCTTTCAGGCCATCATCAGCCGATGGAGCTGCCAAGAAGCCAGTGGG
 CTTGGTGACCGCAGCAGATGGAGAGCTGCAGGGCCGAGATCCAGGAGAACCACGACGAGACCTACGGC
 GTGCCCTCCCTGGAGGAGCTGGGGTTCCTCACTGAAGGACTTGGTCCAGCTGTCTGGCAGGGAGGAGAGA
 CAGAAGCTCTGGCCCGCTGGATAAGCACTTGGAAACGGAAGGCCTGGGTGCGCAACTATGAGAGACCCCG
 AATGAACGCCAACTCCCTCCTGGCCAGCCCCACAGGCCTCAGCCCTACCTGCGCTTTGGTTGTCTCTCC
 TGCCGCTCTTCTACTACCGCTGTGGGACCTGTATAAAAAGGTGAAGCGGAACAGCACACCTCCCTCT
 CCCTATTTGGGCAACTCCTATGGCGAGAGTTCTTCTACACGGCAGCTACCAACAACCCAGGTTTGACCG
 CATGGAGGGGAACCCATCTGCATCCAGATCCCTGGGACCGCAATCCTGAGGCCCTGGCCAAGTGGGCT
 GAGGGCAAGACAGGCTTCCCTTGGATTGATGCCATCATGACCAACTGAGGCAGGAGGGCTGGATCCACC
 ACCTGGCCCCGGCATGCCGTGGCTGCTTCTGACCCGCGGGGACCTCTGGGTGAGTGGAGAGCGGGGT
 CCGGGTATTTGATGAGCTGCTCCTGGATGCAGATTTTACGCGTGAACGCAGGCAGCTGGATGTGGCTGTCC
 TGCAGTGCTTTCTCCAGCAGTTCTTCCACTGCTACTGCCCTGTGGGCTTTGGCCGTGCGACGGACCCCA
 GTGGGGACTACATCAGGCGATACCTGCCCAAATTGAAAGCGTTCCCTCTCGATACATCTATGAGCCCTG
 GAATGCCCCAGAGTCAATTGAGAAGGCAGCCAAGTGCATCATTGGTGTGGACTACCCACGGCCCATCGTC
 AACCATGCCGAGACCAGCCGGCTTAACATTGAACGAATGAAGCAGATTTACCAGCAGCTTTCGCGCTACC
 GGGGACTCTGTCTACTGGCATCTGTCCCTTCTGTGTGGAAGACCTCAGTCACCCTGTGGCAGAGCCAG
 CTCGAGCCAGGCTGGCAGCATGAGCAGTGCAGGCCAAGACCACTACCCAGTGGCCAGCATCCCCAAA
 CGCAAGCTGGAAGCAGCCGAGGAACACCTGGTGAAGAACTCAGCAAACGGGCCCGGGTGGCAGAGTTGC
 CAACCCAGAGCTGCCGAGCAAGGATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207337 protein sequence
 Red=Cloning site Green=Tags(s)

MAATVATAAAVAPAPAPGTDSASSVHWFRKGLRLHDPALLAAVRGARCVRVYILDPWFAASSSVGINR
 WRFLQLQSLDLTSLRKLNSRLFVVRGQPADVFPRLFKEWGVTRLTFEYDSEPFGERDAIMKMAKEAG
 VEVVTENSHLYDLDRIELNGQKPLTYKRFQAIISRMELPKKPVGLVTSQQMESCRAEIQENHDETYG
 VPSLEELGFPTEGLGPAVWQGGETEALRLDKHLERKAWVANYERPRMNANSLASPTGLSPYLRFGCLS
 CRLFYRLWDL YKKVKRNSTPPLSLFGQLLWREFFYTAATNNPRFDRMEGNPICIQIPWDRNPEALAKWA
 EGKTGFPWIDAIMTQLRQEGWIHHLARHAVACFLTRGDLWVSWESGVRVFEDELLDADFVNAGSWMWLS
 CSAFFQQFFHCYCPVGFGRRTDPSPGDYIRRYLPKLKAFPSRYIYEPWNAPEIQKAAKCIIGVDYPRPIV
 NHAETSRLNIERMKQIYQQLSRYRGLCLLASVPSCVEDLSHPVAEPSSSQAGSMSSAGPRPLPSGPASPK
 RKLEAAEPPGEELSKRARVAELPTPELPSKDA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_021117
ORF Size:	1779 bp
Buffer:	PBS with 0.001% Pluronic F6036
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_021117.1</u>
RefSeq Size:	4204 bp
RefSeq ORF:	1782 bp
Locus ID:	1408
UniProt ID:	<u>Q49AN0</u>
Cytogenetics:	11p11.2
MW:	66.9 kDa