

Product datasheet for **RC229309A1V**

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:

>RC229309 representing NM_021117
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGCGGGGTCCACGTGCGCTACCGGGCGGAGCGGGGTGGCTGGAGCAGTCTGGACAGTCATGGCGG
 CGACTGTGGCGACGGCGCAGCTGTGGCCCCGGCGCCAGCGCCCGGCACGGACAGCGCCTCTTCGGTGCA
 CTGTTCCGCAAGGGCTGCGACTCCACGACAACCCGGCGTTGCTGGCGGCCGTGCGCGGGGCGCGCTGC
 GTGCGCTGCGTTTACATTCTCGACCCGTGGTTCGCGGCCCTCCTCCTCAGTCGGGATCAACCGATGGAGGT
 TCCTACTTCAGTCTCTGGAAGATTTGGACACAAGTTTAAGGAACTGAACCTCCGCTGTTTGTAGTCCG
 GGGACAGCCAGCCGACGTGTTCCCAAGGCTGTTCAAGGAATGGGAGTGACCCGCTTGACCTTTGAATAT
 GACTCTGAACCTTTGGGAAAGAACGGGATGCAGCCATCATGAAGATGGCCAAGGAGGCTGGTGTGAAG
 TAGTGACGGAGAATTCTCATACCCTCTATGACCTGGACAGGATCATTGAGCTGAATGGGAGAAGCCACC
 CCTTACATACAAGCGCTTTCAGGCCATCATCAGCCGATGAGAGCTGCCAAGAAGCCAGTGGGCTTGGTG
 ACCAGCCAGCAGATGGAGAGCTGCAGGGCCGAGATCCAGGAGAACACGACGAGACCTACGGCGTGCCCT
 CCCTGGAGGAGCTGGGGTTCCTCACTGAAGGACTTGGTCCAGCTGTCTGGCAGGGAGGAGAGACAGAAGC
 TCTGGCCCCCTGGATAAGCACTTGAACGGAAGGCCTGGGTTGCCAATATGAGAGACCCCAATGAAC
 GCCAATCCCTCCTGGCCAGCCCCACAGGCCTCAGCCCTACCTGCGCTTTGGTTGTCTCTCCTGCCGCC
 TCTTCTACTACCGCTGTGGGACCTGTATAAAAGGTGAAGCGGAACAGCACACCTCCCTCTCCCTATT
 TGGGCAACTCCTATGGCGAGAGTTCTTCTACACGGCAGCTACCAACAACCCAGGTTTGACCGCATGGAG
 GGAACCCCATCTGCATCCAGATCCCTGGGACCGCAATCCTGAGGCCCTGGCCAAGTGGGCTGAGGGCA
 AGACAGGCTTCCCTTGGATTGATGCCATCATGACCAACTGAGGCAGGAGGGCTGGATCCACCACCTGGC
 CCGGCATGCCGTGGCCTGCTTCTGACCGCGGGGACCTCTGGGTCACTGGGAGAGCGGGGTCCGGGTA
 TTTGATGAGCTGCTCCTGGATGCAGATTTAGCGTGAACGCAGGAGCTGGATGTGGCTGTCTGCACTG
 CTTTCTCCAGCAGTTCTTCACTGCTACTGCCCTGTGGGCTTTGGCCGTGCGACGGACCCAGTGGGGA
 CTACATCAGGCGATACCTGCCAAATTGAAAGCGTTCCCTCTCGATACATCTATGAGCCTGGAATGCC
 CCAGAGTCAATTGAGAAGGCAGCAAGTGCATCATTGGTGTGGACTACCCACGGCCCATCGTCAACCATG
 CCGAGACCAGCCGGCTTAACATTGAACGAATGAAGCAGATTTACCAGCAGCTTTCGCGCTACCGGGGACT
 CTGTCTACTGGCATCTGTCCCTCCTGTGTGGAAGACCTCAGTACCCTGTGGCAGAGCCAGCTCGAGC
 CAGGCTGGCAGCATGAGCAGTGCAGGCCAAGACCACTACCCAGTGGCCAGCATCCCCAAACGCAAGC
 TGAAGCAGCCGAGGAACCACTGGTGAAGAACTCAGCAACGGGCCCGGGTGGCAGAGTTGCCAACCC
 AGAGCTGCCGAGCAAGGATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGGVHVAYRGGAGVAGAVVTMAATVATAAAVAPAPAGTDSASSVHWFRKGLRLHDNPALLAAVRGARC
 VRCVYILDWPFAASSVGINRWRFLQLSLEDLTSRLKLNRLFVVRGPADVPRLFKEWGVTRLTFEY
 DSEPFGERDAAIMKMAKEAGVEVVTENSHTLYDLDRILELNGQKPLTYKRFQAIISRMELPKKPVGLV
 TSQQMESCRAEIQENHDETYGVPSLEELGFPTGLGPAVWQGGETEALARLDKHLERKAWVANYERPRMN
 ANSLLASPTGLSPYLRFGCLSCRLFYRLWDLYKKVKRNPPLSLFGQLLWREFFYTAATNNPRFDRME
 GNPICIQIPWDRNPEALAKWAEKGTGFPWIDAIMTQLRQEGWIHHLARHAVACFLTRGDLWVSWESGVRV
 FDELLLDADFVNAGSWMWLSCAFFQQFFHCYCPVGFGRRTDPSGDYIRRYLPKLKAFPSRYIYEPWNA
 PESIQKAAKCIIGVDYPRPIVNHAEITSRLNIERMKQIYQQLSRYRGLCLLASVPSCVEDLSHPVAEPSS
 QAGSMSSAGPRPLPSGPASPKRKLEAAEPPGEELSKRARVAELPTPELPSKDA

TRTRPLeQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_021117
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F9606
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_021117.3, NP_066940.2</u>
RefSeq ORF:	1782 bp
Locus ID:	1408
UniProt ID:	<u>Q49AN0</u>
Cytogenetics:	11p11.2
MW:	68.8 kDa