

Product datasheet for **RC211110A1V**

Human CDYL (NM_170751) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CDYL (NM_170751) AAV Particle
Tag:	Myc-DDK
Symbol:	CDYL
Synonyms:	CDYL1, MGC131936, DKFZp586C1622
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211110 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTCCGAGGAGCTGTACGAGGTTGAAAGGATTGTTGACAAAAGGAAAAATAAAAAGGGAAGACAG
 AGTATTTGGTTTCGGTGGAAAGGCTATGACAGCGAGGACGACACTTGGGAGCCGGAACAGCACCTCGTGAA
 CTGTGAGGAATACATCCACGACTTCAACAGACGCCACACGAGAGCAGAAAGGAGAGCACATTGACCAGA
 ACAAACAGGACCTCTCCAACAATGCTAGGAAACAAATCTCCAGATCCACCAACAGCAACTTTTCTAAGA
 CCTCTCCTAAGGCACTCGTGATTGGGAAAGACCACGAATCCAAAAACAGCCAGCTGTTTCTGCCAGCCA
 GAAGTTCAGGAAGAACACAGCTCCATCTCTCCAGCCGGAAGAACATGGACCTAGCGAAGTCAGGTATC
 AAGATCCTCGTGCCTAAAAGCCCGTTAAGAGCAGGACCCAGTGGACGGCTTTCAGAGCGAGAGCCCTG
 AGAAATGGACCCCGTCGAGCAGGGTCAGGAGGACACAGTGGCACCAGGAGTGGCAGCGGAAAAGCCGGT
 CGGAGCTTTATTGGGCCCGGTGCCGAGAGGGCCAGGATGGGGAGCAGGCCAGGATACACCCACTAGTG
 CCTCAGGTGCCGGCCCTGTGACTGCAGCCATGGCCACAGGCTTAGCTGTTAACGGGAAAGGTACATCTC
 CGTTCATGGATGCATTAAACAGCCAATGGGACAACCAACATACAGACATCTGTTACAGGAGTGACTGCCAG
 CAAAAGGAAATTTATTGACGACAGAAGAGACCAGCCTTTTGACAAGCGATTGCGTTTCAGCGTGAGGCAA
 ACAGAAAGTGCTACAGATACAGAGATATTGTGGTCAGGAAGCAGGATGGCTTCAACCCACATCTTGTTAT
 CCACAAAGTCTCAGAGAATAACTCACTAAATCCAGAGGTAATGAGAGAAGTCCAGAGTGCTCTGAGCAC
 GGCCGTCGCCGATGACAGCAAGTGGTACTGCTCAGCGCCGTTGGCAGCGTCTTCTGTTGTGGACTTGAC
 TTTATTTATTTATACGACGCTGACAGATGACAGGAAAAGAGAAAGCACTAAAATGGCAGAACTATCA
 GAAACTCGTGAATACTTTCATTAATTAAGAAGCCATTATTGTAGCAGTCAATGGCCAGCCATTGG
 TCTAGGAGCATCTATATTGCCTCTTTGGCATGTGGTTTTGGGCTAATGAAAAGGCTTGGTTTCAAACACCC
 TATACCACCTTCGGACAGAGTCCAGATGGCTGTTCTACCGTTATGTTTCCAAGATAATGGGAGGAGCAT
 CTGCAAACGAGATGCTGCTCAGTGGACGGAAGCTGACAGCGCAGGAGGCGTGTGGCAAGGGCCTGGTCTC
 CCAGGTGTTTTGGCCCGGACGTTCACTCAGGAAGTATGGTTCGCATTAAGGAGCTTGCTCGTCAAT
 CCAGTTGTGCTTGAGGAATCAAAGCCCTCGTGCCTGCAACATGAAGATGGAGCTGGAGCAGGCCAACG
 AGAGGGAGTGTGAGGTGCTGAAGAAAATCTGGGCTCGGCCAGGGATGGACTCCATGTTAAAGTACTT
 GCAGAGGAAGATCGATGAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211110 protein sequence
 Red=Cloning site Green=Tags(s)

MASEELYEVERIVDKRKNKKGKTEYLVRWKGYSDDTWEPEQHLVNCEEYIHDFNRRHTEKQKESTLTR
 TNRTSPNNARKQISRSTNSNFSKTSFKALVIGKDHEKNSQLFAASQKFRKNTAPSLSSRKNMDLAKSGI
 KILVPKSPVKSRTAVDGFQSESPKLDPVEQGEDTVAPEVAEKPVGALLGPGAERARMGSRPRIHPLV
 PQVPGPVTAAMATGLAVNGKGTSPFMDALTANGTTNIQTSVTGVTASKRKFIDRRDQPFDKRLRFVSRQ
 TESAYRYRDIIVRKQDGFTHILLSTKSENNSLNPEVMREVQSALSTAAADDSKLVLLSAVGSVFCGLD
 FIYFIRRLTDDRKRESTKMAEAIIRNFVNTFIQFKPIIVAVNGPAIGLGASILPLCDVVWANAKAWFQTP
 YTTFGQSPDGCSTVMFPKIMGGASANEMLLSGRKLTAQEACGKGLVSQVFWPGTFTQEVVMRIKELASCN
 PVLLEESKALVRCNMKMELEQANERECEVLKKIWGSAQGMSMLKYLQRKIDEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_170751

ORF Size:	1632 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_170751.1, NP_736607.1</u>
RefSeq Size:	3477 bp
RefSeq ORF:	1634 bp
Locus ID:	9425
Cytogenetics:	6p25.1
MW:	60.6 kDa