

Product datasheet for **RC224946A1V**

Human Keratin 12 (KRT12) (NM_000223) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Keratin 12 (KRT12) (NM_000223) AAV Particle
Tag:	Myc-DDK
Symbol:	Keratin 12
Synonyms:	K12; MECD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC224946 representing NM_000223
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTCTCCAACAACACCATGTCACTCTCAGTGCACACCCCGGACTGTCCCGGCGGCTCTCTCGC
 AGAGTGTGATAGGCAGACCCAGGGCATGTCTGCTTCCAGTGTTGGAAGTGGTTATGGGGGAAGTGCCTT
 TGGCTTTGGAGCCAGCTGTGGGGAGGCTTTTCTGCTGCTTCCATGTTTGGTTCTAGTCCGGCTTTGGG
 GGTGGCTCCGGAAGTTCATGGCAGGAGGACTGGGTGCTGTTATGGGAGAGCCCTGGGTGGAGGTAGCT
 TTGGAGGGCTGGGATGGGATTTGGGGCAGCCAGGAGGTGGCTCTCTAGGTATTCTCTCGGGCAATGA
 TGGAGGCTTCTTTCTGGATCAGAAAAAGAACTATGCAAAATCTTAATGATAGATTAGCTTCTACCTG
 GATAAGGTGCGAGCTCTAGAAGAGGCTAATACTGAGCTAGAAAATAAAATTCGAGAATGGTATGAAACAC
 GAGGAAGTGGGACTGCAGATGCTTCACAGAGCGATTACAGCAAAATATTATCCACTGATTGAAGACCTCAG
 GAATAAGATCATTTACGCCAGCATTGGAATGCCAGCTCCTCTTGCAGATTGACAATGCGAGACTAGCT
 GCTGAGGACTTCAGGATGAAGTATGAGAATGAAGTGGCCCTGCGCCAGGCGTAGAGGCCGACATCAATG
 GCCTGCGCCGGGTGCTGGACGAGCTGACCTGACCAGGACCGACTGGAGATGCAGATCGAGAGCCTGAA
 CGAGGAGCTGGCTACATGAAGAAGAACCACGAGGATGAGCTCCAAAGCTTCCGGGTGGGCGGCCAGGC
 GAGGTACGCTAGAAATGGACGCTGCCCCGGAGTGGACCTCACCAGGCTCCTCAATGATATGCGGGCGC
 AGTATGAAACCATCGCTGAGCAGAATCGGAAGGACGCTGAAGCCTGGTTCAATGAAAAGAGCGGGGAGCT
 CCGTAAGGAGATTAGCACCAACCCGAGCAGCTTCAGTCCAGCAAGAGCGAGGTACCGACCTGCGTCGC
 GCCTTTGAGAACTGGAGATCGAGCTACAGTCCAGCTCGCCATGAAGAAATCCCTGGAGGACTCCTTGG
 CCGAAGCCGAGGGCGATTACTGCGCGCAGCTGTCCAGGTGCAGCAGCTCATCAGCAACCTGGAGGCACA
 GCTGCTCCAGGTGCGCGCGGACGACGAGCGCCAGAACGTGGACCACGAGCGGCTGCTGAATGTCAAGGCC
 CGCCTGGAGCTGGAGATTGAGACCTACCGCCGCTGCTGGACGGGAGGCCCAAGGTGATGGTTTGGAGG
 AAAGTTTATTTGTGACAGACTCCAATCACAAGCACAGTCAACTGATTCTCTAAAGACCAACCAAAAC
 CCGAAAAATCAAGACAGTTGTGCAGGAGATGGTGAATGGTGAGGTGGTCTCATCTCAAGTTCAGGAAAT
 GAAGAATAATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224946 representing NM_000223
 Red=Cloning site Green=Tags(s)

MDLSNNTMSLSVRTPGLSRRLSSQSVIGRPRGMSASSVGSYGGSFAFGASCGGGFSAASMFSSSGFG
 GSGSSMAGGLGAGYGRALGGGSGGLGMFGGSPGGSLGILSGNDGGLLSGSEKETMQNLNDRLASYL
 DKVRALEEANTELENKIREWYETRGTTADASQSDYSKYPLIEDLRNKIISASIGNAQLLLQIDNARLA
 AEDFRMKYENELALRQVEADINGLRRVLDELTLTRTDLEMQIESLNEELAYMKKNHEDELQSFRVGGPG
 EVSVMEDAAPGVDLTRLNDMRAQYETIAEQNRKDAEAWFIEKSGELRKEISTNTEQLQSSKSEVTDLRR
 AFQNLIELQSQLAMKKSLEDSLAEAGDYCAQLSQVQQLISNLEAQLLQVRADAERQNVQDHQRLNPKA
 RLELEIETYRRLDGEAQDGLLEESLFVTDKSKAQSTDSKDPKTRKIKTVVQEMVNGEVVSSQVQEI
 EELM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000223

ORF Size:

1482 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_000223.2</u>
RefSeq Size:	1867 bp
RefSeq ORF:	1485 bp
Locus ID:	3859
UniProt ID:	<u>Q99456</u>
Cytogenetics:	17q21.2
MW:	53.3 kDa