

Product datasheet for **RC212202A1V**

Human KRT82 (NM_033033) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KRT82 (NM_033033) AAV Particle
Tag:	Myc-DDK
Symbol:	KRT82
Synonyms:	Hb-2; HB2; KRTHB2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212202 representing NM_033033
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGTACCACTCTTTCCAGCCAGGCTCCAGGTGTGGCAGTCAGAGTTTCAGCTCATACTCGGCTGTCA
 TGCCCCGATGGTCACCCACTATGCAGTGAGCAAGGGGCCATGCCGGCCCGGGGTGGTAGGGCCCTCCG
 AGCTCTGGGCTGCCTTGCTCACGGAGCCTGTGCAACGTGGGCTTTGGGAGGCCCGGGTAGCCTCCAGG
 TGTGGAGGTACCTGCCTGGCTTCCGGTACCGACTGGGAGCCACCTGTGGCCTTCTGCCTGCATCACCC
 CTGTCACCATCAATGAGAGCCTGCTGGTCCCCTGGACTGGAGATAGACCCGACTGTGCAGAGGGTAA
 GAGGGATGAGAAGGAGCAGATCAAGTGCCTCAACAACCGTTTCGCATCTTTCATCAACAAGTCCGTTTC
 CTGGAGCAGAAGAACAAGCTGCTGGAGACCAAGTGAACCTTCATGCAGCAGCAGAGGTGCTGCCAGACCA
 ACATCGAGCCCATCTTCGAGGGCTATATCAGCGCCCTTCGGCGGCAGCTGGACTGTGTGTCGGGGACCG
 CGTGAGGCTAGAGTCAGAGCTCTGCAGCCTCCAGGCTGCACTGGAGGGCTACAAGAAAAAATACGAAGAG
 GAGCTCTCCCTGCGTCCCTGTGTTGAGAATGAGTTTGTGCCTTGAAGAAGGACGTGGACACAGCCTTCC
 TGATGAAGGCTGACCTGGAGACCAACGCAGAGGCACTCGTGCAGGAGATCGACTTCTGAAAAGCCTGTA
 TGAGGAGGAGATCTGCCTGCTCCAGTCTCAGATCTCTGAGACCTCGGTCAATTGTGAAGATGGACAACAGC
 CGGGAGCTGGACGTGGACGGCATCATCGCTGAGATCAAGGCGCAGTATGACGACATCGCCAGCCGACGA
 AAGCCGAAGCAGAGGCCCTGGTACCAGTCCCGGTATGAGGAGCTGAGAGTCACAGCTGGGAACCACTGTGA
 CAACCTCCGAACCGTAAGAACGAGATCCTGGAATGAATAAACTGATCCAGCGGCTGCAGCAAGAAACC
 GAGAATGTCAAAGCCAGCGCTGCAAACTTGAGGGTGCCATAGCTGAGGCAGAGCAGCAGGGCGAGGCGG
 CTCTCAATGATGCAAGTGAAGCTGGCAGGGCTGGAGGAGGCTCTGCAGAAGGCCAAGCAGGACATGGC
 CTGCCTGCTCAAGGAATATCAGGAGGTGATGAACCTCAAGCTGGGCTGGACATCGAGATCGCCACCTAC
 AGGCGCCTGCTGGAGGTGAAGAGCACAGGCTGTGCAAGGCATCGGGCCGTGAATATCTCAGTGAGCA
 GCTCCAAGGCGCCTTCTGTACGAGCCATGTGGGGTCAAGCAGCCTGTCTCAGCACTGGCGTCTCAG
 GAGCAATGGGGCTGCAGCATCGTGGGCACTGGTGAACCTATGTCCCCTGCGAGCCCCAGGGGCTACTG
 AGCTGTGGGAGCGGGCGAAATCCAGCATGACGCTAGGAGCTGGGGCAGCTCCCCAGCCACAAGCAT

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSYHSFQPGSRCSQSFSYSAVMVTHYAVSKGPCRPGGGRGLRALGCLGSRSLCNVGFGRPRVASR
 CGGTLPFGFYRLGATCGPSACITPVTINESLLVPLALEIDPTVQRVKRDEKEQIKLNNRFASFINKVRF
 LEQKNLLETKWNFMQQQRCCQTNIEPIFEGYISALRRQLDCVSGDRVRLSELSLQAALLEGYKKYEE
 ELSLRPCVENEFVALKKDVRTAFLMKADLETNAEALVQEIDFLKSLYEEIICLLQSQISETSVIVKMDNS
 RELDVGIIAIEIKAQYDDIASRSKAEAEAWYQCRYEELRVTAGNHCDNLRNRKNEILEMNLILQRLQGET
 ENVKAQRCKLEGAIAEAEQQGEAALNDAKCLAGLEEALQKAKQDMACLLKEYQEVMSKGLDIEIATY
 RRLLEGEHRLCEGIGPVNIVSSSKGAFLYEPGCVSTPVLSTGVLRNNGCSI VGTGELVYVPCPEPQLL
 SCGSGRKSSMTLGAGGSSPSHKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_033033

ORF Size:

1539 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_033033.3</u>
RefSeq Size:	2681 bp
RefSeq ORF:	1542 bp
Locus ID:	3888
UniProt ID:	<u>Q9NSB4</u>
Cytogenetics:	12q13.13
MW:	56.5 kDa