

Product datasheet for **RC221211A1V**

Human ANKRD55 (NM_024669) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ANKRD55 (NM_024669) AAV Particle
Tag:	Myc-DDK
Symbol:	ANKRD55
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221211 representing NM_024669
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATGAGACAGGCTACCATGGATTTCAGCACCCCTTCTGTGTTTGATCAGCAAAGAGGTGACTCATCTG
 AGGAAGTTGACCTGACCATGGTTTATCAAGCAGCCTCTAATGGAGATGTCAATGCTCTGACTGCAGTGAT
 TCGGGAAGACCTTCTATCCTAGAATGCTGTGACAGTGAAGGATGCACGCCCTTGATGCATGCGGTTTCT
 GGACGTCAAGCGGACACAGTGAAGCTGCTGTTGAAGATGGGAGCCAATATTAACATGCAGGATGCTTATG
 GCCGCACAAGTTTATGCTGGCCACCTACCTGGGCTGGCTTGAAGGCTGTGTGAGTCTACTCAGAAACGG
 TGCCAAGCACAATATCCAGATAAAAAATGGCCGCTGCCACTGCATGCTGCCACTGCTGAGCCCCGATATG
 AGGCTCCTCACGGTCTGTTGCAACAGTGAACATCAGCGAGATTAATCACCAGGACAATGAGGGAATGA
 CACCACTCCACTGGGCGGCTTCCACAACAGCCTCAACACACACAAATGCTGCTGAAGAAGGGGCGAGA
 CCCCACCCTTGTGGATAAAGACTTTAAACCGCTCTCCACTGGGAGTCCAGAGTGGAATAGGATTCTG
 TGCTCCATCATTCTGAGCCATCACCAGGGGCGCTCCATAATCAACTATGATGATGAGAGTGGGAAGACAT
 GTGTACATATCGCAGCGGACGCGGCTTCAGCGATATTATTATGAGCTGGCAAGAGTCCCTGAGTGTA
 CCTGCAGGCTCTGGATGTGGATGACAGGACACCTCTGCACTGGGCTGCAGCTGCAGGGAAGGCCGAATGT
 GTCCAGTCACTGCTGGAGTTGGGAATGGACAGCAACCTGCGGGACATCAATGAGAGCACGCCCTTGGCCT
 ATGCCCTGTACTGCGGTACACGGCGTGTGTCAAACCTCTCTCCCAAGAGAGCAGAACAGAGCCTACTCG
 ACCCCCTCCCTCCAGAGCAGTCGGCCCCAGAAGAAGGAGAGACGGTTCAACGTGCTCAACCAATATTC
 TGCAAAAAACAAGAAAGAGCAGAGAGCCCATCAGAAGATCCCAGCAGGACCGATACAGAGAGGAGG
 ACACCTCAGAAGTCAATGACATCATCACACCTTTGATAGCATCGTGGTACCACTGCCAAGAACAGCC
 TGGTGATCAGGTGGCTATGGTTGAATTTAAGAAGAAAACCTCAGACAATTCAAAATATCTCTTACCAGAA
 AAGAAACCGCTGGCCCGTAAGGGGCTTCCACCAATCAGAACGCAGAGTCTCCACCCATCACCTGGGCA
 ATAACCTCCTAACAGCCTCCCATAGGGCCACTTCCCATGCAGGCTGAGCTCTGCTCCTCATCATATGGC
 CCAGCGATCTCAGAAAAGTGAAGTGAAGGAGGATTTATTAATAACAGAACTGGTGGCAGATGTTACTA
 GATAACCCCTGGAAGAGTGATTCTAATCAGGATTTTCTACAAAGTTTGGAGTGTGCTTCTTCTGATA
 AGCTGTGGACAGATTGCTCAGTGTCCGGCCTGGTACCAAGAGGTCTCCGTGCCACCACACCTTCGCCA
 TCTACATAATCCATCATCAGGACAAAATTTTACGATCTTTCCCAACAGACACAAAATCAGGGATCTT
 CCTTTCACTCGGAACAACCTAGCTCCCCTACCAGATCAAAAATTTCTATCTGGAGAACCTCTGCGGACAA
 ACCGAGTGCTTCTGCAATTCGAAGTCAACGAAGACACAGCACAGCAGCAGAAGAGAGTGAACATTCTGC
 CAACCCACCAAGTGATGAAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MMRQATMDFSTPSVFDQQRGDSSEEDLTMVYQAASNGDVNALTAVIREDPSILECCDSEGCTPLMHA
 VGRQADTVKLLKMGANINMQDAYGRSLCLATYLGWLEGVSLLRNGAKHNIPDKNGRLPLHAATAEPDM
 RLLTVLLQQSNISEINHQNDEGMTPLHWAAFHNQPHQHTQMLLKKGADPTLVKDFKTAHWAQVSGNRIL
 CSIIILSHHQGPSIINYDDESGKTCVHIAAAGFSDIIHELARVPECNLQALDVEDRTPLHWAAGKAEC
 VQSLLELGMDSNLRDINESTPLAYALYCGHTACVKLLSQESRTEPTRPPPSQSSRPQKKERRFNVLNQIF
 CKNKKEEQRAHQKDPSPDRYREEDTSEVNDIITTFDSIVGTNCQEQPGDQVAMVEFKKTSDNSKYLLPE
 KKPLARKGLPPIRTQSLPPIITLGNFLTASHRATSHAGLSSAPHHMAQRSQKSRSEQDLLNNRTGCQMLL
 DNPWKSDSNQVFSYKVWTVSSDKLLDRLLSVRPGHQEVSVPHLRHLHNPSSGQNFQHLSPNRHKIRDL
 PFTRNNLAPLPDQKFLSGEPLRTNRVLPAPISQRRHSTAAEESHSANPTSDEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2
ACCN:	NM_024669
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F8298
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_024669.2</u>
RefSeq Size:	2502 bp
RefSeq ORF:	1845 bp
Locus ID:	79722
UniProt ID:	<u>Q3KP44</u>
Cytogenetics:	5q11.2
MW:	68.2 kDa