

Product datasheet for **RC209321A1V**

Human KANK3 (NM_198471) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KANK3 (NM_198471) AAV Particle
Tag:	Myc-DDK
Symbol:	KANK3
Synonyms:	ANKRD47
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC209321 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCCAAGTTTGCCCTGAATCAGAACCTGCCGACCTGGGCGGCCCCCGCTGTGCCCGGTCCCGCCG
CCGGGGGCGCACGCAGCCCGAGCTCGCCCTACTCGGTGGAGACGCCCTACGGCTTCCACCTGGACCTGGA
CTTCTCAAGTACATAGAGGAGCTGGAGCGTGGCCCGCTGCCGCGCGCCCCGGGACCCCGACCTCG
CGCCGTCCCGCGCGCCCCGGCCCGCTCGCGGGCGACGTAGCCAGGCGCCTGGACATCCAGCGAGT
CCCTGGCCAGTGACGACGGTGGAGCACCGGGCATACTCTCCAGGGCGCGCCCTCGGGGCTCCTGATGCA
GCCGCTGTGCGCGCGCGCCCCGTGCGCAACCCGCGCTCGAGCACACGCTCCGGGAGACCAGCCGGCGG
CTGGAGCTGGCGCAGACACAGAGCGCGCGCCAGCCCGCGCGGGTCCCGCGAGCCACGCGGT
CCGGCCGAGCAGCCCCGCCCCAACCCTTGCCCTGCTTCGCCCGGCCCTGCCAACTGCAGCTGGTGCG
CGAGCAGATGGCGCGCGCTGCGGCGCTGCGCGAGCTCGAGGACCAGGCGCAACGCTGCCCGAGCTG
CAGGAGCAGGTGCGCGCGCTGCGCGCCGAGAAGGCGCGCTGCTGGCCGGGCGCGCGAGCCGAGCCGG
ACGGGGAGGCTGAGACGCGCCCGACAAGCTCGCCAGCTGCGCGGGCTCACCGAGCGCTGGCCACCTC
CGAGCGCGCGGCCGTGCCAGGGCCAGCCCCGGGCTGACAGCCAGACGGCCTGGCTGCAGGGCGCAGC
GAGGGCGCGCTCCAGGTCTCGACGGGGAGGTGCGGAGTCTCGATGGGACGCCCCAGACCCGGGAGGTGG
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GCCGAGCGGAGCTAGAGCTGCTGCGCGCCAGTCTGGAGCACCAGCGCGGGGTGAGTGAGCTTCTGCGGG
GCCGTTGCGGGAGCTGGAGGAAGCCCGGAGGCTGCGGAGGAGCAGCGCGGGGGCCCGGGCCAGCT
ACGCGAGGCCACCAACCAGACCCCGTGGAGCTGTGCCGAAAAGCCGCGCAGACCGAGTCCCGGCGAG
GCGCCCTCCTTGACTCAGGAGAGCTCGCCCGATCCATGGACGGAGACAGGGCCGTGGCGCCCGGGCA
TCCTCAAATCCATCATGAAGAAGAGAGACGGCACACCTGGTGCCCAACCAGCTCCGAGCCCAAGAGCT
GCAGTTTGTGGGGTCTCAACGGAGAGTACGAGAGCTCCTCCAGCGAGGACGCCAGCGACAGCATGGC
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CCGACTCGGGACCCCTGGCCCTCCAGCGCGGGGACATCCGGGACCCTGAGCCCGAGGCGGAGGCAGA
GCCTCAGCAGGTGGCACAGGGGAGGTGCGAGCTGAGCCCGCTCTGAGGGAGGCGTGCCTAGCGCTGCAG
CGGCAGCTGAGCCGGCCCGCGGAGTAGCCAGCGACGGCGGCGCAGTGCCTCTGTGCCAGGAGTGGT
TTCGAGTGTCCAGCCAGCGGCGCTCTCAGGCGGAGCCCGTGGCCAGGATGCTGGAAGGGGTGAGGCGCT
GGGACCCGAACTGCTGGCGCACGTGGTGAACCTGGCGGATGGCAACGGGAACACGGCCCTGCACTACAGT
GTGTCCACGGGAACCTGGCCATCGAAGCCTGCTCCTGGATACGGGGGCTGCGAGGTCAACGCCCAGA
ACCGAGCCGGCTACTCGGCCCTCATGCTGGTGCCTCACCTCTGTGAGGCAGGAAGAGGAGGACATGGC
TGTGGTCCAGAGACTCTTCTGCATGGGTGATGTCAATGCCAAGGCCAGTCAGACGGGGCAGACAGCCCTC
ATGCTGGCCATCAGCCATGGCCGACAGGACATGGTGGCAACCCTACTGGCGTGTGGGGCTGATGTGAATG
CGCAGGATGCGGATGGGGCCACAGCGCTGATGTGTGCCAGTGAGTATGGGCGCTGGACACCGTGCCTG
GCTGCTACCCAGCCAGGCTGTGACCTGCCATCCTGGACAATGAGGGCACCAGTGCCCTGGCCATCGCC
CTGGAGGCTGAGCAGGATGAGGTGGCCGCTCTGCTACATGCCACCTGAGCTCGGGCCAGCCGACACCC
AGAGCGAGTACCCCTGGCTCCAGACAGCCACACCTGGTGAAGGAGAATGCGGTGACAATGGAGAGAA
CCCCAGGTTTCA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209321 protein sequence Red=Cloning site Green=Tags(s) MAKFALNQNL PDLGGPRLCPVPAAGGARSPSSPYSVETPYGFHLDLDFLKYIEELERGPAARRAPGPPTS RRPRAPRPLAGARSPGAWTSSESLASDDGGAPGILSQGAPSGLLMQPLSPRAPVRNPRVEHTLRETSRR LELAQTHERAPSPGRGVPRSPRGSGRSSPAPNLAPASGPAQLQLVREQMAAALRRLRELEDQARTLPEL QEQVRALRAEKARLLAGRAQPEPDGEAETRPDKLAQLRRLTERLATSERGGRARASPRADSPDGLAAGRS EGALQVLDGEVGS LDGTPQTREVA AEAVPETREAGAVPETREAGVEAAPETVEADAWVTEALLGLPAA AERELELLRASLEHQRGVSELLRGRLRELEEAREAAEEAAAGARAQLREATTQTPWSCAEKAAQTESPAE APSLTQE SSPGSMGDRAVAPAGILKSIKKRDGTPGAQPSSGPKSLQFVGVNLNGEYESSSSSEDASDSG DSENGGAEPGSSSGGSDSGGSDSGTPGPPSGGDIRDPEPEAEAEPPQVQAQGRCELSPRLREACVALQ RQLSRPRGVASDGGAVRLVAQEWFRVSSQRRSQAEPVARMLEGVRRLLGPELLAHVVNLADGNGNTALHYS VSHGNLAIASLLDGTACEVNRQNRAGYSALMLAALTSVRQEEEDMAVVQRLFCMGDVNAKASQTGTAL MLAISHGRQDMVATLLACGADVNAQDADGATALMCASEYGRLLDTVRLLLTQPGCDPAILDNEGTSALAI LEAEQDEVAALLHAHLSSGQPDTSSESPPGSQTATPGECECGDNGENPQVQ SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_198471
ORF Size:	2463 bp
Buffer:	PBS with 0.001% Pluronic F6417
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_198471.1</u>
RefSeq Size:	2801 bp
RefSeq ORF:	2466 bp
Locus ID:	256949
UniProt ID:	<u>Q6NY19</u>
Cytogenetics:	19p13.2
MW:	85.9 kDa