

Product datasheet for **RC204517A1V**

Human RTKN (NM_033046) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RTKN (NM_033046) AAV Particle
Tag:	Myc-DDK
Symbol:	RTKN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204517 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGACAGATTGCACATCCTGGAGGACCTGAATATGCTCTACATTTCGGCAGATGGCACTCAGCCTGG
 AGGACACGGAGTTGCAGAGGAAGCTAGACCATGAGATCCGGATGAGGGAAGGGGCTGTAAAGCTGCTGGC
 AGCCTGCTCCCAGCGAGAGCAGGCTCTGGAGGCCACCAAGAGCCTGCTAGTGTGCAACAGCCGCATCCTC
 AGCTACATGGGCGAGCTGCAGCGGCGCAAGGAGCGCAGGTGCTGGGGAAGACAAGCCGGCGGCCTTCTG
 ACAGTGGCCCCCGCTGAGCGCTCCCCCTGCCGCGCGGGTCTGCATCTCTGACCTCCGGATTCCACT
 CATGTGGAAGGACACAGAATATTTCAAGAACAAGGTGACTTGACCGCTGGGCTGTGTTCTGCTGCTG
 CAGCTGGGGGAACACATCCAGGACACAGAGATGATCCTAGTGGACAGGACCTCAGACATCTCCTTTC
 AGAGCAATGTGCTCTTCGCTGAGGCGGGGCCAGACTTTGAACTGCGGTTAGAGCTGTATGGGCTGTGT
 GGAAGAAGAGGGGGCCCTGACTGGCGGCCCAAGAGGCTTGCCACCAAACTCAGCAGCTCCCTGGCCGC
 TCCTCAGGGAGGCGTGTCCGGGCATCGCTGGACAGTGTGGGGGTTCAGGGAGCAGTCCCATCTTGCTCC
 CCACCCAGTTGTTGGTGGTCTCGTTACACCTCTTGCTCACACCACACTCACCTGGCAGCAGTGCA
 AGATGGATTCCGCACACATGACCTCACCTTGCCAGTCATGAGGAGAACCCTGCCTGGTGCCCTTTAT
 GGTAGCGTGTGTTGCCGTCTGGCAGCTCAGCCTCTCTGCATGACTCAGCCCACTGCAAGTGGTACCCTCA
 GGGTGCAGCAAGCTGGGAGATGCAGAACTGGGCACAAGTGCATGGAGTTCTGAAAGGCACAAACCTCTT
 CTGTTACCGGCAACCTGAGGATGCAGACACTGGGAAGAGCCGCTGCTTACTATTGCTGTCAACAAGGAG
 ACTCGAGTCCGGCAGGGGAGCTGGACCAGGCTCTAGGACGGCCCTTACCCTAAGCATCAGTAACCACT
 ATGGGGATGATGAGGTGACACACACCTTCAGACAGAAAGTCGGAAGCACTGCAGAGCTGGATGGAGGC
 TCTGTGGCAGCTTTTCTTTGACATGAGCCAATGGAAGCAGTGTGTGATGAAATCATGAAAATTGAACT
 CCTGCTCCCCGGAACACCCCAAGCACTGGCAAAGCAGGGTCTTGTACCATGAGATGGCTATTGAGC
 CGCTGGATGACATCGCAGCGGTGACAGACATCTGACCCAGCGGGAGGGCGCAAGGCTGGAGACACCCCC
 ACCCTGGCTGGCAATGTTTACAGACCAGCCTGCCCTGCCTAACCCCTGCTCGCCTGCCTCAGTGGCCCCA
 GCCCCAGACTGGACCCACCCCTGCCCTGGGGAGACCCCGAACCTTTTCCCTGGATGCTGTCCCCCAG
 ACCACTCCCCTAGGGCTCGCTCGGTTGCCCCCTCCACCTCAGCGATCCCCACGGACCAGAGGCCTCTG
 CAGCAAAGGCCAACCTCGCACTGGCTCCAGTACCAGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204517 protein sequence
 Red=Cloning site Green=Tags(s)

MQDRLHILEDLNLMIYIRQMALSLEDTELQRKLDHEIRMREGACKLLAACSQREQALEATKSLVCNSRIL
 SYMGELQRRKEAQVLGKTSRRPSDSGPPAERSPCRGRVCISDLRIPLMWKDTEYFKNKGDLHRWAVFLL
 QLGEHIQDTEMILVDRTLTDISFQSNVLFAGPDEFELRELYGACVEEEGALTGGPKRLATKLSSSLGR
 SSRRVRASLDSAGSGSSPILLPTPVVGGPRYHLLAHTTLTLAAVQDGFRTDHLASHEENPAWLPLY
 GSVCCRLAAQPLCMTQPTASGTLRVQQAGEMQNAQVHGVKGTNLFYRQPEDADTGEEPLLTIAVNKE
 TRVRAGELDQALGRPFTLSISNQYGDDEVHTLTQTESREALQSWMEALWQLFFDMSQWKQCCDEIMKIET
 PAPRKPPQALAKQGSLYHEMAIEPLDDIAAVTDILTQREGARLETPPPWLMFTDQPALPNPCSPASVAP
 APDWTHTPLPWGRPRTFSLDAVPPDHSRARSVAPLPPQRSPTRLGLCSKGQPRTWLQSPV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_033046

ORF Size:	1650 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_033046.2, NP_149035.1</u>
RefSeq Size:	2638 bp
RefSeq ORF:	1653 bp
Locus ID:	6242
UniProt ID:	<u>Q9BST9</u>
Cytogenetics:	2p13.1
MW:	61.2 kDa