

Product datasheet for **RC200306A1V**

Human RNA terminal phosphate cyclase like 1 (RCL1) (NM_005772) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RNA terminal phosphate cyclase like 1 (RCL1) (NM_005772) AAV Particle
Tag:	Myc-DDK
Symbol:	RNA terminal phosphate cyclase like 1
Synonyms:	RNAC; RPCL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200306 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACTCAGGCGCACTCCCTCAGCTACGCAGGGTGCAACTTCTTGCGCCAACGTCTGGTCTGTCTA
 CCCTGAGCGGGCGCCCGTCAAATCCGAAAGATTCGGGCCAGAGACGACAACCCGGGCCTCCGAGATTT
 TGAAGCCAGCTTCATAAGGCTATTGGACAAAATAACGAATGGTTCTCGAATTGAAATAAACCAACAGGA
 ACAACCTTATATTACAGCCTGGCCTCCTGTATGGTGGATCTGTGGAACATGACTGTAGCGTCCTTCGTG
 GCATTGGGTATTACCTGGAGAGTCTTCTTTGCTTGGCTCCATTTATGAAGCACCCGTTAAAAATAGTTCT
 ACGAGGAGTGACCAATGATCAGGTTGACCCTTCAGTTGATGTTCTTAAGGCAACAGCACTCCCTTTGTTG
 AAACAATTTGGGATTGATGGTGAATCATTTGAAGTGAAGATTGTGCGACGGGAATGCCTCCCGGAGGAG
 GAGGCGAAGTGGTTTTCTCATGTCTGTGAGGAAGGTCTTGAAGCCATTCAACTCACAGATCCAGGAAA
 AATCAAACGTATTAGAGGAATGGCGTACTCTGTACGTGTGTACCTCAGATGGCGAACCGGATTGTGGAT
 TCTGCAAGGAGCATCCTCAACAAGTTCATACCTGATATCTATTTACACAGATCACATGAAAGGAGTCA
 ACTCTGGGAAGTCTCCGGCTTTGGGTGTCACTGGTTGCTGAGACCACCAAGTGGCACCTTCCTCAGTGC
 TGAAGTGGCTCCAACCCCGAGGCCAGGGAGCAGCACTTCCAGAGGACCTTGGCAGGAAGTGTGCC
 CGGCTGCTGCTGGAGGAAATCTACAGGGGTGGATGCGTAGACTCGACCAACCAAGCCTGGCGCTACTAC
 TCATGACCTTTGGACAGCAGGATGTTTTCAAAGTCTGTAGGCCCTCTCTCCCTACAGGATAGAATT
 TTTGCGGCATTTGAAGAGCTTTTCCAGATTATGTTTAAATGAAACCAAGCCATGTGGTGAAGAACTC
 AAGGTTGGGATAAAGTGCTGATGACCTGTGTTGGCATTGGTTTCTCCAACCTTAGCAAGACCCTCAAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC200306 protein sequence Red=Cloning site Green=Tags(s) MATQAHSLSYAGCNFLRQRLVLSTLSGRPVKIRKIRARDDNPGLRDFEASFIRLLDKITNGSRIEINQTG TTLYYQPGLLYGGSVEHDCSVLRGIGYYLESLCLAPFMKHPLKIVLRGVTNDQVDPVDVLKATALPLL KQFGIDGESFELKIVRRGMPPGGGGEVVFSCPVRKVLKPIQLTDPGKIKRIRGMAYSVRVSPQMANRIVD SARSILNKFIPDIYIYTDHMKGVNSGKSPGFGLSLVAETTSQTFLSAELASNPQGQGAAVLPEDLGRNCA RLLEEIYRGGCVDSTNQLALLMTLGQQDVSKVLLGPLSPYTIEFLRHLKSFFQIMFKIETKPCGEEL KGGDKVLMTCVGIGFSNLSKTLK SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005772
ORF Size:	1119 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_005772.2</u>
RefSeq Size:	2198 bp
RefSeq ORF:	1122 bp
Locus ID:	10171
UniProt ID:	<u>Q9Y2P8</u>
Cytogenetics:	9p24.1
MW:	40.8 kDa