

Product datasheet for **RC214849A1V**

Human RNase L (RNASEL) (NM_021133) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RNase L (RNASEL) (NM_021133) AAV Particle
Tag:	Myc-DDK
Symbol:	RNASEL
Synonyms:	PRCA1; RNS4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC214849 representing NM_021133
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAGCAGGGATCATAACAACCCCCAGGAGGGACCCACGTCCTCCAGCGGTAGAAGGGCTGCAGTGG
 AAGACAATCACTTGCTGATTAAAGCTGTTCAAAACGAAGATGTTGACCTGGTCCAGCAATTGCTGGAAGG
 TGGAGCCAATGTTAATTTCCAGGAAGAGGAAGGGGCTGGACACCTCTGCATAACGCAGTACAAATGAGC
 AGGGAGGACATTGTGGAACCTTCTGCTTCGTATGGTGCTGACCTGTTCTGAGGAAGAAGAATGGGGCCA
 CGCCTTTTATCCTCGCAGCGATTGCGGGGAGCGTGAAGCTGCTGAAACTTTTCTTTCTAAAGGAGCAGA
 TGTCAATGAGTGTGATTTTATGGCTTCACAGCCTTCATGGAAGCCGCTGTGTATGGTAAGGTCAAAGCC
 CTAATTTCTTTATAAGAGAGGAGCAAATGTGAATTTGAGGCGAAAGACAAAGGAGGATCAAGAGCGGC
 TGAGGAAAGGAGGGGCCACAGCTCTCATGGACGCTGCTGAAAAAGGACACGTAGAGGTCTTGAAGATTCT
 CCTTGATGAGATGGGGGCAGATGTAACGCCTGTGACAATATGGGCAGAAATGCCTTGATCCATGCTCTC
 CTGAGCTCTGACGATAGTGATGTGGAGGCTATTACGCATCTGCTGCTGGACCATGGGGCTGATGTCAATG
 TGAGGGGAGAAAGAGGGAAGACTCCCCTGATCCTGGCAGTGGAGAAGAAGCACTTGGGTTTGGTGACAG
 GCTTCTGGAGCAAGAGCACATAGAGATTAATGACACAGACAGTATGGCAAAACAGCACTGCTGCTTGCT
 GTTGAACCTCAAACTGAAGAAAATCGCCGAGTTGCTGTGCAACGTTGGAGCCAGTACAGATTGTGGGGATC
 TTGTTATGACAGCGAGGCGGAATTATGACCATTCCCTTGTGAAGGTTCTTCTCTCTCATGGAGCCAAAGA
 AGATTTTACCCTCCTGCTGAAGACTGGAAGCCTCAGAGCTCACACTGGGGGCAGCCCTGAAGGATCTC
 CACAGAATATACCGCCCTATGATTGGCAAACTCAAGTTCTTTATTGATGAAAAATACAAAATTGCTGATA
 CTTGAGGAGGAGCATCTACCTGGGTTCTATGAGAAGCAAGAAGTAGCTGTGAAGACGTTCTGTGAGGG
 CAGCCACGCTGCACAGCGGGAAGTCTCTTGCTGCAAAAGCAGCCGAGAGAAGCAAGTCACTTGGTGACATT
 TATGGGAGTGAGAGCCACAGGGGCCACTTGTGTTGTGTGTACCCCTCTGTGAGCAGACTCTGGAAGCGT
 GTTGGATGTGCACAGAGGGGAAGATGTGGAATGAGGAAGATGAATTTGCCGAAATGTCTGTCTATC
 TATATTTAAGGCTGTTCAAGAACTACACTTGTCTGTGGATACACCCACCAGGATCTGCAACCACAAAAC
 ATCTTAATAGATTCTAAGAAAGCTGCTCACCTGGCAGATTTTGATAAGAGCATCAAGTGGGCTGGAGATC
 CACAGGAAGTCAAGAGAGATCTAGAGGACCTTGGACGGCTGGTCTCTATGTGGTAAAGAAGGGAAGCAT
 CTCATTTGAGGATCTGAAAGCTCAAAGTAATGAAGAGGTGGTTCAACTTTCTCCAGATGAGGAACTAAG
 GACCTCATTCTCGTCTCTTCCATCCTGGGGAACATGTGAGGGACTGTCTGAGTGACCTGCTGGGTCATC
 CCTTCTTTTGGACTTGGGAGAGCCGCTATAGGACGCTTCGGAATGTGGGAAATGAATCCGACATCAAAAC
 ACGAAAATCTGAAAGTGAGATCCTCAGACTACTGCAACCTGGGCTTCTGAACATTCCAAAAGTTTTGAC
 AAGTGGAGCACTAAGATTAATGAATGTGTTATGAAAAAATGAATAAGTTTTATGAAAAAGAGGCAATT
 TCTACCAGAACTGTGGGTGATCTGCTAAAGTTATCCGGAATTTGGGAGAACACATTGATGAAGAAAA
 GCATAAAAGATGAAATTAATAATTGGAGACCTTCCCTGTATTTTCAAGACATTTCCAGATCTGGTG
 ATCTATGTCTACAAAACTACAGAACAGAAATATAGAAAGCATTTCCCCAAACCCACAGTCCAAACA
 AGCCTCAGTGTGATGGAGCTGGTGGGCCAGTGGTTGGCCAGCCCTGGGTGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214849 representing NM_021133 Red=Cloning site Green=Tags(s) MESRDHNNPQEGPTSSSGRRAAVEDNHLLIKAVQNEVDLVQQLLEGGANVNFQEEEGGWTPLNNAVQMS REDIVELLRRHGADPVLRRKNGATPFIILAAIAGSVKLLKFLSKGADVNECDFYGFTAFMEAAYGKVKA LKFLYKRGANVNLRRKTKEDQERLRKGGATALMDAAEKGHVEVLKILLDEMGADVNACDNMGRNALIHAL LSSDDSDVEAITHLLLDHGADVNVVRGERGKTPLILAVEKKHLGLVQRLLQEHEIENDTSDGKTALLLA VELKLLKIAELLCKRGASTDCGDLVMTARRNYDHSLVKVLLSHGAKEDFHPPAEDWKQPQSSHWGAALKDL HRIYRPMIGKLKFFIDEKYKIADTSEGGIYLGFEYKQEVAVKTFCEGSPRAQREVSCSQSSRENSHLVTF YGSSESHRGHLFVCVTLCEQTLAECLDVHRGEDVENEDEFARNVLSIFKAVQELHLSCGYTHQDLQPQN ILIDSKAAHLADFDKSIKWAGDPQEVKRDLEDLGRVLVYVVKKGSISFEDLKAQSNEEVVQLSPDEETK DLIHRLFHPGEHVRDCLSDLLGHPFFWTWESRYRTLNRVGNESDIKTRKSESEILRLLQPGPSEHSKSF KWTTKINECVMMKMNKFYEKRGNFYQNTVGDLLKFIRNLGEHIDEEKHKMKLIGDPSLYFQKTFPDLV IYVYTKLQNTYRKHPQTHSPNKPQCDGAGGASGLASPGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021133
ORF Size:	2223 bp
Buffer:	PBS with 0.001% Pluronic F7280
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_021133.2</u>
RefSeq Size:	4258 bp
RefSeq ORF:	2226 bp
Locus ID:	6041
UniProt ID:	<u>Q05823</u>
Cytogenetics:	1q25.3
MW:	83.5 kDa