

Product datasheet for **RC209573A1V**

Human DNase II (DNASE2) (NM_001375) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DNase II (DNASE2) (NM_001375) AAV Particle
Tag:	Myc-DDK
Symbol:	DNase II
Synonyms:	DNASE2A; DNL; DNL2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209573 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCCCCTGCTGCTGGCAGCGCTGCTGTGCGTCCCCGCCGGGGCCCTGACCTGCTACGGGGACTCCG
GGCAGCCTGTAGACTGGTTCGTGGTCTACAAGCTGCCAGCTCTTAGAGGGTCCGGGGAGGCGGCGCAGAG
AGGGCTGCAGTACAAGTATCTGGACGAGAGCTCCGGAGGCTGGCGGGACGGCAGGGCACTCATCAACAGC
CCGGAGGGGGCCGTGGGCCGAAGCCTGCAGCCGCTGTACCGAGCAACACCAGCCAGCTCGCCTTCCTGC
TCTACAATGACCAACCGCCTCAACCCAGCAAGGCTCAGGACTCTCCATGCGTGGGCACACGAAGGGTGT
CCTGCTCCTTGACCAGATGGGGGCTTCTGGCTGGTCCACAGTGTACCTAACTTCCTCCACCGGCCTCC
TCTGCTGCATACAGCTGGCCTCATAGCGCCTGTACCTACGGGCAGACCCTGCTCTGTGTGCTTTTCCCT
TCGCTCAGTTCTCGAAGATGGGCAAGCAGCTGACCTACACCTACCCCTGGGTCTATACTACCAGCTGGA
AGGGATCTTTGCCCAGGAATTCCCCGACTTGGAGAATGTGGTCAAGGGCCACCACGTTAGCCAAGAACC
TGGAACAGCAGCATCACACTCACATCCCAGGCCGGGGCTGTTTCCAGAGCTTTGCCAAGTTCAGCAAAT
TTGGAGATGACCTGTACTCCGGCTGGTGGCAGCAGCCCTTGGTACCAACCTGCAGGTCCAGTTCTGGCA
CAAACTGTAGGCATCCTGCCCTCTAACTGCTCGGATATCTGGCAGGTTCTGAATGTGAACAGATAGCT
TTCCCTGGACCAGCCGCCCAAGCTTCAACAGCACAGAGGACCACTCCAAATGGTGCCTGTCCCCAAAG
GGCCCTGGACCTGCGTGGGTGACATGAATCGGAACCAGGAGAGGAGCAACGGGGTGGGGGCACACTGTG
TGCCAGCTGCCAGCCCTCTGGAAAGCCTTCCAGCCGCTGGTGAAGAATACTACCAGCCCTGTAATGGCATG
GCCAGGAAGCCAGCAGAGCTTATAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209573 protein sequence Red=Cloning site Green=Tags(s) MIPLLLAALLCVPAGALTCYGDGSGQPVDFVYKLPALRGSGEAAQRGLQYKYLDESSGGWRDGRALINS PEGAVGRSLQPLYRSNTSQLAFLLYNDQPPQPSKAQDSSMRGHTKGVLLLDHDGGFWLVHSVPNFPPAS SAAYSWPHSACTYGTLLCVSFPFAQFSKMGKQLTYTYPWVYNYQLEGIFAQEFPDLENVKGHHVSQEP WNSSITLTSQAGAVFQSFQSKFGDDLYSGWLAALGTNLQVQFWHKTGILPSNCSDIWQVLNVNQIA FPGPAGPSFNSTEDHSKWCVSPKGPWTCVGD MNRNQGEQ RGGGTLCAQLPALWKAFLYKQNYQPCNGM ARKPSRAYKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001375
ORF Size:	1080 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_001375.2</u>
RefSeq Size:	2011 bp
RefSeq ORF:	1083 bp
Locus ID:	1777
UniProt ID:	<u>O00115</u>
Cytogenetics:	19p13.13
MW:	39.6 kDa