

Product datasheet for **RC209816A1V**

Human DNA Polymerase lambda (POLL) (NM_013274) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DNA Polymerase lambda (POLL) (NM_013274) AAV Particle
Tag:	Myc-DDK
Symbol:	POLL
Synonyms:	BETAN; POLKAPPA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209816 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATCCCAGGGGTATCTTGAAGGCATTTCCCAAGCGGCAGAAAATTCATGCTGATGCATCATCAAAG
 TACTTGCAAAGATTCTAGGAGGGAAGAGGGAGAAGAAGCAGAAGAGTGGCTGAGCTCCCTTCGGGCCCA
 TGTTGTGCGCACTGGCATTGGACGAGCCCGGGCAGAACTCTTTGAGAAGCAGATTGTTACGATGGCGGC
 CAGCTATGCCCTGCCAGGGCCAGGTGTCACTCACATTGTGGTGGATGAAGGCATGGACTATGAGCGAG
 CCCTCCGCCTTCTCAGACTACCCAGCTGCCCCGGGTGCTCAGCTGGTGAAGTCAGCCTGGCTGAGCTT
 GTGCCTTCAGGAGAGGAGGCTGGTGGATGTAGCTGGATTGAGCATCTTCATCCCCAGTAGGTAAGTGGAC
 CATCCACAGCCCAGCAAGGCAGAGCAGGATGCTTCTATTCTCCTGGCACCCATGAGGCCCTGCTTCAGA
 CAGCCCTTTCTCCTCCTCCTCCACCAGGCCTGTGTCTCCTCCCAAAAGGCAAAAGAGGCACCAAA
 CACCAAGCCCAGCCATCTCTGATGATGAAGCCAGTGTGGGAAGAAACCCAGTTAGTGCAGCTGAT
 CTGGAAGCCCTCATCAGTGGCCACTACCCACCTCCCTTGAGGGAGATTGTGAGCCTAGCCAGCCCTG
 CTGTCCTGGATAAGTGGGTCTGTGCACAGCCCTCAAGCCAGAAGGCGACCAATCACAACCTCCATATCAC
 AGAGAAGCTGGAAGTTCTGGCCAAAGCCTACAGTGTTCAAGGAGACAAGTGGAGGGCCCTGGGCTATGCC
 AAGGCCATCAATGCCCTCAAGAGCTTCCATAAGCCTGTACCTCGTACCAGGGGGCTGCAGTATCCCTG
 GGATTGGGAAGCGGATGGCTGAGAAAATCATAGAGATCCTGGAGAGCGGGCATTGCGGAAGCTGGACCA
 TATCAGTGAGAGCGTGCTGTCTTGGAGCTCTTCTCAACATCTGGGAGCTGGGACCAAGACTGCCAG
 ATGTGGTACCAACAGGGCTTCCGAAGTCTGGAAGACATCCGCAGCCAGGCCTCCCTGACAACCCAGCAGG
 CCATCGGCCTGAAGCATTACAGTGACTTCTGGAAGTATGCCAGGGAGGAGGCTACAGAGATTGAGCA
 GACAGTCCAGAAAGCAGCCAGGCCTTTAACTCTGGGCTGCTGTGTGGCATGTGGTTTATACCGACGG
 GGAAAGGCGACCTGTGGTGTGTGACGTGCTCATCACTACCCAGATGGCCGGTCCCACCGGGGTATCT
 TCAGCCGCTCCTTGACAGTCTTCGGCAGGAAGGGTCTCACAGATGACTTGGTGGAGCAAGAGGAGAA
 TGGTCAGCAACAGAAGTACTTGGGGGTGTGCCGCTCCAGGGCCAGGGCGGGCACCAGGCGCTGGAC
 ATCATCGTGGTGCCTATAGCGAGTTTGCCTGTGCCCTGCTCTACTTCACCGGCTCTGCACACTTCAACC
 GCTCCATGCGAGCCCTGGCCAAAACCAAGGCATGAGTCTGTGAGAATGCCCTCAGCACTGCTGTGGT
 CCGGAACCCCATGGCTGCAAGGTGGGCTGGCCGAGTGTGCCCACTCCCACTGAGAAGGATGTCTTC
 AGGCTCTTAGGCTCCCTACCGAGAACCTGCTGAGCGGGACTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209816 protein sequence
 Red=Cloning site Green=Tags(s)

MDPRGILKAFPKRQKIHADASSKVLAKIPRREEGEEAEWLSSLRAHVVRTGIGRARAELFEKQIVQHGG
 QLCPAQPGVTHIVVDEGMDYERALLRLPQLPPGAQLVKSASLSLCLQERRLVDVAGFSIFIPSRYLD
 HPQPSKAEQDASIPPGTHEALLQTALSPPPPTRPVSPQKAKEAPNTQAQPISSDEASDGEETQVSAAD
 LEALISGHYPTSLEGDCEPSPAPAVLDKWCAPSSQKATNHNHITKLEVLAKAYSVQGDKWALGYA
 KAINALKSFHKPVTSYQACSIPIGIGKMAEKIIEILESGLRLKLDHISESVPVLELFSNIWGAGTKTAQ
 MWYQQGFRSLEDIRSQASLTQQAIGLKHYSDFLERMPREEATEIEQTVQKAAQAFNSGLLCVACGSYRR
 GKATCGDVDVLI THPDGRSHRGIFSRLLDSLREQGFLTDDLVSQEENGQQQKYLGVCRPLPGPGRHRRLD
 IIVVPYSEFACALLYFTGSAHFNRSMLAKTKGMSLSEHALSTAVVRNTHGCKVGPGRVLPPTPEKDV
 RLLGLPYREPAERDW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_013274
ORF Size:	1725 bp
Buffer:	PBS with 0.001% Pluronic F6508
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_013274.2</u>
RefSeq Size:	2741 bp
RefSeq ORF:	1728 bp
Locus ID:	27343
UniProt ID:	<u>Q9UGP5</u>
Cytogenetics:	10q24.32
MW:	63.4 kDa