

Product datasheet for **RC230157A1V**

Human DNA Polymerase lambda (POLL) (NM_001174085) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DNA Polymerase lambda (POLL) (NM_001174085) AAV Particle
Tag:	Myc-DDK
Symbol:	DNA Polymerase lambda
Synonyms:	BETAN; POLKAPPA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230157 representing NM_001174085
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCCAGGGGTATCTTGAAGGCATTTCCCAAGCGGCAGAAAATTCATGCTGATGCATCATCAAAG
 TACTTGCAAAAGATTCTAGGAGGGAAGAGGGAGAAGAAGCAGAAGAGTGGCTGAGCTCCCTTCGGGCCCA
 TGTTGTGCGCACTGGCATTGGACGAGCCCGGGCAGAACTCTTTGAGAAGCAGATTGTTACGATGGCGGC
 CAGCTATGCCCTGCCAGGGCCAGGTGTCACTCACATTGTGGTGGATGAAGGCATGGACTATGAGCGAG
 CCCTCCGCCTTCTCAGACTACCCAGCTGCCCCGGGTGCTCAGCTGGTGAAGTCAGCCTGGCTGAGCTT
 GTGCCCTCAGGAGAGGAGGCTGGTGGATGTAGCTGGATTGAGCATCTTCATCCCCAGTAGGTAAGTGGAC
 CATCCACAGCCAGCAAGGCAGAGCAGGATGCTTCTATTCCTCCTGGCACCCATGAGGCCCTGCTTCAGA
 CAGCCCTTTCTCCTCCTCCTCCACCAGGCCTGTGTCTCCTCCCAAAAGGCAAAAGAGGCACCAAA
 CACCAAGCCAGCCATCTCTGATGATGAAGCCAGTGTGGGAAGAAACCCAGGAGGCTGCAGTATC
 CCTGGGATTGGGAAGCGGATGGCTGAGAAAATCATAGAGATCCTGGAGAGCGGGCATTTGCGGAAGCTGG
 ACCATATCAGTGAGAGCGTGCCTGTCTTGGAGCTCTTCTCAACATCTGGGGAGCTGGGACCAAGACTGC
 CCAGATGTGGTACCAACAGGGCTTCCGAAGTCTGGAAGACATCCGCAGCCAGGCCTCCCTGACAACCCAG
 CAGGCCATCGGCCTGAAGCATTACAGTACTTCTGGAACGTATGCCAGGGAGGAGGCTACAGAGATTG
 AGCAGACAGTCCAGAAAGCAGCCAGGCCTTTAACTCTGGGCTGCTGTGTGTGGCATGTGGTTTCATACCG
 ACGGGGAAAGGCGACCTGTGGTGTGTCGACGTGCTCATCACTACCCAGATGGCCGGTCCCACCGGGGT
 ATCTTCAGCCGCTCCTTGACAGTCTTCGGCAGGAAGGGTTCTCACAGATGACTTGGTGAGCCAAGAGG
 AGAATGGTCAGCAACAGAAGTACTTGGGGGTGTGCCGGTCCCAGGGCCAGGGCGGCGGCACCGGCCT
 GGACATCATCGTGGTGCCTATAGCGAGTTTGCCTGTGCCCTGCTCTACTTCACCGGCTCTGCACACTTC
 AACCGCTCCATGCGAGCCCTGGCCAAAACCAAGGCATGAGTCTGTGAGAACATGCCCTCAGCACTGCTG
 TGGTCCGGAACACCCATGGCTGCAAGGTGGGCCTGGCCGAGTGTGCCACTCCCACTGAGAAGGATGT
 CTTAGGCTCTTAGGCCTCCCCTACCGAGAACCTGCTGAGCGGGACTGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230157 representing NM_001174085
 Red=Cloning site Green=Tags(s)

MDPRGILKAFPKRQKIHADASSKVLAKIPRREEGEEAEWLSSLRAHVVRTGIGRARAELFEKQIVQHGG
 QLCPAQGPVTHIVVDEGMDYERALLRLPQLPPGAQLVKSAWLSLCLQERRLVDAVGFIFIPSRYLD
 HPQPSKAEQDASIPPGTHEALLQTALSPPPPTRPVSPQKAKEAPNTQAQPISDDEASDGEETQEACSI
 PGIGKRMAEKIIEILESGLRLKLDHISESVPVLELFSNIWGAGTKTAQMWWYQQGFRSLEDIRSQASLTQ
 QAIGLKHYSDFLERMPREEATEIEQTVQKAAQAFNSGLLCVACGSYRRGKATCGDVDVLITHPDGRSHRG
 IFSRLDLSLRQEGFLTDDLVSQEENGQQKYLGVCRLLPGPGRHRRLDIIVVPYSEFACALLYFTGSAHF
 NRSMLALAKTKMSLSEHALSTAVVRNTHGCKVGPGRVLPPTTEKDVFRLLGLPYREPAERDW

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001174085

ORF Size:

1449 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_001174085.1</u> , <u>NP_001167556.1</u>
RefSeq ORF:	1452 bp
Locus ID:	27343
UniProt ID:	<u>Q9UGP5</u>
Cytogenetics:	10q24.32
MW:	54 kDa