

Product datasheet for **RC210765A1V**

Human DNA Polymerase beta (POLB) (NM_002690) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DNA Polymerase beta (POLB) (NM_002690) AAV Particle
Tag:	Myc-DDK
Symbol:	DNA Polymerase beta
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210765 representing NM_002690 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCAAACGGAAGGCGCCGAGGAGACTCTCAACGGGGGAATCACCGACATGCTCACAGAACTCGCAA
ACTTTGAGAAGAACGTGAGCCAAGCTATCCACAAGTACAATGCTTACAGAAAAGCAGCATCTGTTATAGC
AAAATACCCACACAAAATAAAGAGTGGAGCTGAAGCTAAGAAATTGCCTGGAGTAGGAACAAAAATTGCT
GAAAAGATTGATGAGTTTTAGCAACTGAAAAATTACGTAACTGGAAAAGATTCGGCAGGATGATACGA
GTTTCATCCATCAATTTCTGACTCGAGTTAGTGGCATTGGTCCATCTGCTGCAAGGAAGTTTGTAGATGA
AGGAATTAACACTAGAAAGATCTCAGAAAAATGAAGATAAATTGAACCATCATCAGCGAATTGGGCTG
AAATATTTTGGGACTTTGAAAAAGAATTCCTCGTGAAGAGATGTTACAAATGCAAGATATTGTACTAA
ATGAAGTTAAAAAGTGGATTCTGAATACATTGCTACAGTCTGTGGCAGTTTCAGAAGAGGTGCAGAGTC
CAGTGGTGACATGGATGTTCTCCTGACCCATCCAGCTTCACTTCAGAATCAACCAACAGCCAAAACCTG
TTACATCAGGTTGTGGAGCAGTTACAAAAGGTTCAATTTATCACAGATACCCTGTCAAAGGGTGAGACAA
AGTTCATGGGTGTTTCCAGCTTCCAGTAAAAATGATGAAAAAGAATATCCACACAGAAGAATTGATAT
CAGGTTGATACCCAAAGATCAGTATTACTGTGGTGTCTCTATTTCACTGGGAGTGATATTTCAATAAG
AATATGAGGGCTCATGCCCTAGAAAAGGTTTCAATCAATGAGTACACCATCCGTCCCTTGGGAGTCA
CTGGAGTTGCAGGAGAACCCCTGCCAGTGGATAGTGAAAAAGACATCTTTGATTACATCCAGTGGAAATA
CCGGAACCAAGGACCGGAGCGAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210765 representing NM_002690 Red=Cloning site Green=Tags(s) MSKRKAPQETLNGGITDMLTELANFEKNVSQAIHKYNAYRKAASVIAKYPHKIKSGAEAKKLPGVGKIA EKIDEFLATGKLRKLEKIRQDDTSSSINFLTRVSGIGPSAARKFVDEGIKTLEDLRKNEDKLNHHQRIGL KYFGDFEKRIPREMLQMQDIVLNEVKKVDSEYIATVCGSFRRGAESSGDMVDLLTHPSFTSESTKQPKL LHQVVEQLQKVHFITDTLSKGETKFMGVCQLPSKNDEKEYPHRRIDIRLIPKDQYYCGVLYFTGSDIFNK NMRAHALEKGFTINEYTIRPLGVTGVAGEPLPVDSEKDIFDYIQWKYREPKDRSE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002690
ORF Size:	1005 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:	NM_002690.1
RefSeq Size:	1259 bp
RefSeq ORF:	1008 bp
Locus ID:	5423
UniProt ID:	P06746
Cytogenetics:	8p11.21
MW:	38 kDa