

## Product datasheet for RC225794A1V

### Human DNA polymerase delta p50 (POLD2) (NM\_001127218) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human DNA polymerase delta p50 (POLD2) (NM_001127218) AAV Particle
Tag:	Myc-DDK
Symbol:	DNA polymerase delta p50
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC225794 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTTTCTGAGCAGGCTGCCAGAGGGCCCACTCTACTGTCCCCACCATCAGCCAACAATGCCACCT  
TTGCCCGGTGCCAGTGGCAACCTACACCAACTCCTCACAACCCTTCGGCTAGGAGAGCGCAGCTTTAG  
CCGGCAGTATGCCACATTTATGCCACCCGCTCATCAAATGAGACCCTTCTGGAGAACCGGGCCAG  
CAGCACTGGGGCAGTGGAGTGGGAGTGAAGAAGCTGTGTAAGTGCAGCCTGAGGAGAAGTGTGTGG  
TGGCACTCTGTTCAAGGCCATGCCGCTGCAGCCCTCCATCCTGCGGGAGGTGAGCGAGGAGCACAACT  
GCTCCCCAGCCTCCTCGGAGTAAATACATACCCAGATGACGAGCTGGTCTTGAAGATGAATGCAG  
CGTATCAAATAAAAGGCACCATTGACGTGTCAAAGCTGGTACGGGGACTGTCTGGCTGTGTTGGCT  
CCGTGAGAGACGACGGGAAGTTTCTGGTGGAGGACTATTGCTTTGCTGACCTTGCTCCCCAGAAGCCCGC  
ACCCCACTTGACACAGATAGGTTTGTGCTACTGGTGTCCGGCCTGGGCTGGGTGGCGGTGGAGGCGAG  
AGCCTGCTGGGCACCCAGCTGCTGGTGGATGTGGTGACGGGGCAGCTTGGGGACGAAGGGGAGCAGTGCA  
GCGCCGCCACGTCTCCCGGTTATCCTCGCTGGCAACCTCCTCAGCCACAGCACCCAGAGCAGGGATTC  
TATCAATAAGGCCAAATACCTCACCAAGAAAACCCAGGCAGCCAGCGTGGAGGCTGTTAAGATGCTGGAT  
GAGATCCTCCTGCAGCTGAGCGCCTCAGTGCCCGTGGAGTGATGCCAGGCGAGTTTATCCCACCAAT  
ACAGCTCCCCAGCAGCCCTCCACCCCTGCATGTTCCCGCTGGCCACTGCCTACTCCAGCTCCAGCT  
GGTCACCAACCCCTACCAGGCCACCATTGATGGAGTCAGATTTTTGGGGACATCAGGACAGAACGTGAGT  
GACATTTTCCGATACAGCAGCATGGAGGATCACTTGGAGATCCTGGAGTGGACCTGCGGGTCCGTCA  
TCAGCCCCACAGCCCCTGACACTCTAGGTTGTTACCCCTTCTACAAAACCTGACCCGTTTCTTCCCAGA  
GTGCCCGCATGTCTACTTTTGTGGCAACACCCCGAGCTTTGGTCCAAAATCATCCGAGGTCTGAGGAC  
CAGACAGTGTGTTGGTACTGTCCCTGACTTCAGTGCCACGCAGACCCGCTGCCTTGTGAACCTGCGCA  
GCCTGGCTGCCAGCCATCAGCTTCTCGGGCTTCGGGGCAGAGGACGATGACCTGGGAGCCTGGGGCT  
GGGCCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC225794 protein sequence Red=Cloning site Green=Tags(s)  MFSEQAAQRAHTLLSPPSANNATFARVPVATYTNSSQPFRLGERSFSRQYAHYATRLLIQMRPFLENRAQ QHWGSGVGVKKLCELQPEEKCCVVGTLFKAMPLQPSILREVSEHNLLQPPRSKYIHPDDELVLEDELQ RIKLGKGTIDVSKLVTGTVLAVFGSVRDDGKFLVEDYCFADLAPQKPPAPPLDTRFVLLVSGLGLGGGGGE SLLGTQLLVDDVVTGQLGDEGEQCSAAHVS RVILAGNLLSHSTQSRDSINKAKYLTKKTQAASVEAVKMLD EILLQLSASVPDVMPEGFDPTNYTLPQQPLHPCMFPLATAYSTLQLVTNPYQATIDGVRFLGTSQNV S DIFRYSMEDHLEILEWTLRVRHISPTAPDTLGCYPFYKTDPFIFPECPHVYFCGNTPSFGSKIIRGPED QTVLLLVTPDFSATQTACLVNLRLSLACQPIFSGFGAEDDDLGLGLGP  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001127218
<b>ORF Size:</b>	1407 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001127218.1</u> , <u>NP_001120690.1</u>
<b>RefSeq Size:</b>	1821 bp
<b>RefSeq ORF:</b>	1410 bp
<b>Locus ID:</b>	5425
<b>UniProt ID:</b>	<u>P49005</u>
<b>Cytogenetics:</b>	7p13
<b>MW:</b>	51.3 kDa