

Product datasheet for **MR218709A1V**

Mouse Polr3c (NM_028925) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Polr3c (NM_028925) AAV Particle
Tag:	Myc-DDK
Symbol:	Polr3c
Synonyms:	4933407E01Rik; RPC3; RPC62
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR218709 representing NM_028925
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGACTCAAGCAGAGATTAACTGTGTTCTTTGTGCTGCAAGAGCATTTTGGTGAAGATTGTAGAAAAA
 TTGGAGTCCACCTAGTCAGAACTGGAAGCCAGCCACTTAGAGTAATTGCCACGACACAAAAGCATCCCT
 GGACCAGGTGAAAAAGCCCTTTGTGTCTCATTACCCACAACCTGGTCTCTATCATGTGCACAAGCGC
 GGTGTGGTGGAGTATGAAGCCAGTGCAGCCGGTACTGAGGATGCTTAGGTATCCCGGTACATCTACA
 CCACAAAACGCTGTACGGTGACACCGGAGAGCTGATTGTTGAGGAGCTCCTGCTGAATGGCAAAATGAC
 AATGTCAGCTGTTGTGAAGAAAGTAGCCGACCGACTCACAGAGACCATGGAGGATGGCAAGACCATGGAC
 TACGCTGAGGTATCAATGCATTTGTGCGACTGGCAGATACTCACTTTGTACAGCGCTGTCCCCTGGTTC
 CTGACACTGACAGTTCTGACCGTGGGCCACCGCCACCCGCCCAACCTTGTCTTAATGAAAAGGACAT
 GTACCTAGTTCCAAACTGAGCTTGATAGGAAAAGGTAAAGAGGAGGAGATCATCTGATGAAGATGCTACT
 GGAGAGCCCAAGGCCAAGAAACCAAGATACACAGATAACAAGGAGCCCTCACCAGACGATGGGATTATT
 GGCAAGTCAACCTCGACAGGTTCCACCAGCACTTCCGTGACCAAGCAATCGTGAGCGCAGTGGAACCG
 AATGGACCAGACAAGCAGCGAGATCGTGCGGACGATGCTCCGGATGAGTGAGATCACCCTCCCTCTAGC
 GCCCCCTATACTCAGCCGCTGTCCTCCAATGAGATCTTCAGGTCCTGCCGTCGGATATAACATCTCTA
 AACAGGTTCTCGATCAGTACCTCAGCTGCTGGCAGATGACCCACTAGAGTTTATTGGAAAGTCTGGCGA
 CAGTGGCGGAGGAATGTTTGTATCAACCTCCATAAAGCATTAGCGTCCCTAGCCACTGCAACTCTGGAG
 TCTGTCTCCAGGAGAGATTCGGGTCTCGCTGTGCCAGGATATTCGTCTGGTATTGCAGAAGAAACACC
 TTGAGCAGAAGCAGGTGGAGGACTTTGCAATGATCCCTGCCAAGGAGGCAAAGGACATGCTGTACAAGAT
 GCTCTCGGAAAACCTTCATCTGCTGCAGGAAATTCCTAAGACGCCAGACCACGCCCGTCCAGGACCTTC
 TATCTGTACACTGTGAATGTGCTCTCAGCTGCCAGGATGCTGTTGCACAGGTGCTATAAGAGCATAGCCA
 ACTTGATAGAAGCGCGCAGTTTGAACAAAGGAGAACAAGCGGCTACTAGAAAAGTCTCAGCGGGTGA
 AGCCATCATGGCATCCATGCAGGCCACGGTGCAGAGGAGGTGCAGCTGCAGGAGATAGAGGAGATGATC
 ACAGCCCCGAGCGGCAGCAGCTGGAGACACTGAAACGCAACGTTAACAAGTTGGACGCCAGTGAGATCC
 AGGTGGATGAAACCATCTTCTTACTGGAATCATACATTGAGAGCACCATGAAGAGGCAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTQAEIKLCSLLLQEHFGEIVEKIGVHLVRTGSQPLRVIAHDTKASLDQVKKALCVLIHNLVLVYVHKR
 GVVEYEAQCSRVLRLRYPRYIYTKTLYGDTGELIVEELLNGKMTMSAVVKKVADRLTETMEDGKTMD
 YAEVSNFVRLADTHFVQRCPLVPDTSDDRGPPPPAPTLVINEKDMYLVPKLSLIGKGRRRSSDEDAT
 GEPKAKKPRYTDNKEPSPDDGIYWQVNLDRFHQHRDQAIVSANRMDQTSSEIVRTMLRMSEITTPSS
 APYTQPLSSNEIFRSLPVGYNISKQVLQYLTLLADDPLEFIGKSGDSGGGMFVINLHKALASLATATLE
 SVIQRERFGSRCARIFRLVLQKKHLEQKQVEDFAMIPAKEAKDMLYKMLSENFILLQEIPKTPDHAPSRTF
 YLYTVNVLSAARMLLHRCYKSIANLIERRQFETKENKRLLEKSQRVEAIMASMQATGAEEVQLQEIEEMI
 TAPERQLETLKRNVNKLDASEQVDETIFLLESYIESTMKRQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_028925

ORF Size:

1599 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_028925.1</u> , <u>NP_083201.1</u>
RefSeq Size:	1796 bp
RefSeq ORF:	1602 bp
Locus ID:	74414
UniProt ID:	<u>Q9D483</u>
Cytogenetics:	3 F2.1
MW:	61.2 kDa