

Product datasheet for **RC200279A1V**

Human **RPC62 (POLR3C) (NM_006468)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RPC62 (POLR3C) (NM_006468) AAV Particle
Tag:	Myc-DDK
Symbol:	RPC62
Synonyms:	C82; RPC3; RPC62
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200279 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACTCAAGCAGAAATTAAGCTCTGTTCTTTGTTGCTGCAAGAGCATTGAGAGATTGTAGAAAAA
 TTGGAGTCCATCTGATAAGAACCGGCAGCCAGCCACTAAGAGTAATTGCCCATGACACAGGAACATCACT
 GGATCAGGTGAAGAAAGCCCTGTGTCTCGTCCAACATAACCTGGTGAATTATCAAGTGCACAAACGT
 GGTGTGGTGGAGTATGAAGCCAGTGCAGCCGGGTATTGCGAATGCTTAGATATCCCGGTACATCTATA
 CTACAAAACCTGTACAGTGACACTGGAGAGCTGATTGTTGAGGAGCTTCTGTTGAACGGCAAACCTGAC
 AATGTCAGCTGTTGTGAAGAAAGTGGCAGACCGGCTCACAGAGACCATGGAGGATGGCAAGACCATGGAC
 TATGCTGAAGTATCAACACATTTGTGCGACTGGCAGACACACACTTTGTACAACGCTGCCCTTCGGTAC
 CTACCACTGAGAATTCAGACCTGGGCCACCACCCTGCCCCACACTTGTCTTAATGAAAAGGACAT
 GTACCTGGTTCCTAACTCAGCTTGATAGGAAAGGTAAAAGGAGGAGATCATCTGATGAAGATGCTGCT
 GGGGAGCCCAAGGCCAAGAGACCAAAATATACTACAGATAACAAGGAGCCCATTCAGATGATGGGATTT
 ATTGGCAGGCCAACCTTGACAGATTCACCAACACTTCCGTGACCAAGCCATTGTGAGCGCAGTTGCTAA
 CAGGATGGACCAGACAAGCAGCGAGATTGTGCGAACCATGCTCCGAATGAGTGAGATTACCACTTCCTCT
 AGTGCTCCCTTCACCCAGCCATTGTCTTCCAATGAGATCTTCAGATCCCTACCTGTTGGCTATAACATCT
 CTAAGCAAGTTCTTGATCAGTATCTCACTCTGCTGGCAGATGATCCACTAGAGTTTGTGGAAAGTCTGG
 CGACAGTGGTGGAGGAATGTATGTCATCAACCTCCATAAGGCATTAGCATCCCTAGCCACAGCCACTCTG
 GAGTCCGTCGTACAGGAGAGATTTGGGTCTCGCTGTGCTAGAATATTCGTCTAGTTTTCGAGAAGAAAC
 ACATAGAGCAGAAGCAAGTGAAGACTTTGCAATGATTCTGCAAAGGAGGCAAGGATATGCTATATAA
 GATGCTCTCAGAAAAATTCATGTCACTCCAGGAAATTCCTCAAAACACCAGACCATGCCCATCCAGGACC
 TTCTATTATATACTGTGAACATCCTGTGAGCTGCCCGAATGTTGTTGCACAGGTGCTACAAGAGCATAG
 CCAACTTGATAGAAAGGAGGCAATTTGAAACCAAGAGAATAAGCGTCTACTAGAAAAATCTCAGAGGT
 AGAAGCCATCATTGCATCTATGCAGGCTACTGGTGCAGAGGAAGCACAGTTACAAGAAATAGAGGAGATG
 ATCACAGCTCCTGAACGTCAGCAGCTAGAGACCCTGAAACGTAATGTCAACAAGTTGGATGCCAGTGAGA
 TCCAGGTGGACGAAACCATCTTCTGCTGGAGTCTTACATTGAGTGCACCATGAAGAGACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200279 protein sequence
 Red=Cloning site Green=Tags(s)

MTQAEIKLCSLLLQEHFGEIVEKIGVHLIRTGSQPLRVIAHDTGTSLDQVKKALCVLVQHNLSVYQVHKR
 GVVEYEAQCSRVLRLRYPRYIYTTKLYSDTGELIVEELLNGKLTMSAVVKKVADRLTETMEDGKTMD
 YAEVSNTFVRLADTHFVQRCPSVPTTENS DPGPPPPAPTLVINEKDMYLVPKLSLIGKGRRRSSDEDA
 GEPAKRPKYTTDNKEIPDDGIYWQANLDRFHQHFQDQAIIVSAVANRMDQTSSEIVRTMLRMSEITSS
 SAPFTQPLSSNEIFRSLPVGYNISKQVLDQYL TLLADDPLEFVGKSGDSGGMYVINLHKALASLATATL
 ESVVQERFGSRCARIFRLVLQKKHIEQKQVEDFAMIPAKEAKDMLYKMLSENFMSLQEIPTPDHAPSRT
 FYLYTVNILSAARMLLHRCYKSIALNIERRQFETKENRLLLEKSQRVEAIIASMQATGAEEAQLQEIEEM
 ITAPERQQLETLKRNVNKLDASEIQVDETFILLESYIECTMKRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006468

ORF Size:

1602 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_006468.5</u>
RefSeq Size:	1888 bp
RefSeq ORF:	1605 bp
Locus ID:	10623
UniProt ID:	<u>Q9BUI4</u>
Cytogenetics:	1q21.1
MW:	60.6 kDa