

Product datasheet for **RC211724A1V**

Human Polymerase3 (PRSS53) (NM_001039503) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Polymerase3 (PRSS53) (NM_001039503) AAV Particle
Tag:	Myc-DDK
Symbol:	Polymerase3
Synonyms:	POL3S; UNQ308
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211724 representing NM_001039503
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGTGGTGTGGGGCCAGTGTCTCATCGGGGTGCCACAGTCTCATGGAGGGTCTTCAAGCCG
 CTCAGCGTGCCTGTGGACAGCGTGGCCCGGCCCCCAAGCCTCAGGAGGGCAACACAGTCCCTGGCGA
 GTGGCCCTGGCAGGCCAGTGTGAGGAGGCAAGGAGCCACATCTGCAGCGGCTCCCTGGTGGCAGACACC
 TGGGTCCTCACTGCTGCCACTGCTTTGAAAAGGCAGCAGCAACAGAAGTGAATTCCTGGTCACTGGTCC
 TGGGTTCTCTGCAGCGTGAAGGACTCAGCCCTGGGGCCGAAGAGGTGGGGTGGCTGCCCTGCAGTTGCC
 CAGGGCCTATAACCACTACAGCCAGGGCTCAGACCTGGCCCTGCTGCAGCTCGCCACCCACGACCCAC
 ACACCCCTCTGCCTGCCCGAGCCGCCATCGCTTCCCTTTGGAGCCTCCTGCTGGGCCACTGGCTGGG
 ATCAGGACACCAGTGTCTCCTGGGACCTACGCAATCTGCGCCTGCGTCTCATCAGTCGCCCCACATG
 TAACTGTATCTACAACAGCTGCACCAGCGACCTGTCCAACCCGGCCCGGCTGGGATGCTATGTGGG
 GGCCCCAGCCTGGGGTGCAGGGCCCTGTGAGGGAGATTCGGGGGCCCTGTGCTGTGCCCTCGAGCCTG
 ACGGACTGGGTTAGGCTGGCATCATCAGCTTTGCATCAAGCTGTGCCAGGAGGACGCTCCTGTGCT
 GCTGACCAACACAGCTGCTCACAGTTCCCTGGTGCAGGCTCGAGTTCAGGGGGCAGCTTTCTGGCCAG
 AGCCCAGAGACCCCGGAGATGAGTGTGAGGACAGCTGTGTAGCCTGTGGATCCTTGAGGACAGCAGGTC
 CCCAGGCAGGAGCACCCTCCCATGGCCCTGGGAGGCCAGGCTGATGCACCAGGGACAGCTGGCCTGTGG
 CGGAGCCCTGGTGTGAGAGGAGCGGTGCTAACTGTGCCACTGCTTATTGGGCGCCAGGCCCCAGAG
 GAATGGAGCGTAGGGCTGGGGACCAGACCGGAGGAGTGGGGCTGAAGCAGCTCATCCTGCATGGAGCCT
 ACACCCACCTGAGGGGGCTACGACATGGCCCTCCTGCTGCTGGCCAGCCTGTGACATGGGAGCCAG
 CCTGCGGCCCTCTGCCTGCCCTATCCTGACCACCACCTGCCTGATGGGGAGCGTGGCTGGGTTCTGGGA
 CGGGCCCGCCAGGAGCAGGCATCAGCTCCCTCCAGACAGTGCCTGACCCCTCTGGGGCTAGGGCCT
 GCAGCCGGTGCATGCAGCTCCTGGGGTGTGGCAGCCCTATTCTGCCGGGATGGTGTGTACCAGTGC
 TGTGGGTGAGCTGCCAGCTGTGAGGGCCTGTGTTGGGCACTGGTGCATGAGGTGAGGGGCACATGG
 TTCCTGGCCGGGCTGCACAGCTTCGGAGATGCTTGCCAAGGCCCGCCAGGCCGGCGGTCTTACCAGCGC
 TCCTGCCTATGAGGACTGGGTGAGCAGTTGGACTGGCAGGTCTACTTCGCCGAGGAACCAGAGCCGA
 GGCTGAGCCTGGAAGCTGCCTGGCCAACATAAGCCAACCAACCAGCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211724 representing NM_001039503
 Red=Cloning site Green=Tags(s)

MKWCWGPVLLIAGATVLM EGLQAAQRACGQRGPPKQEGNTVPGEWPWQASVRRQGAHICSGSLVADT
 WVLTAAHCFEKAATELNSWSVVLGSLQREGLSPGAEVGVAAQLPRAYNHYSQGSDLALLQLAHPPTH
 TPLCLPQPAHRFPFGASCWATGWDQDTSAPGTLRNLRLRISRPTCNCIYNQLHQRHLNPARPMLCG
 GPQPGVQGPCQDSSGGPVLCLDPDGHWWQAGIISFASSCAQEDAPVLLTNTAAHSSWLQARVQGAFLAQ
 SPETPEMSDESDCVACGLRGTAGPQAGAPSPWPWEARLMHQQLACGGALVSEEAVLTAHCFIGRQAPE
 EWSVGLGTRPEEWGLKQLILHGAYTHPEGGYDMLLLLAQPVTLGASLRPLCLPYPDHLLPDGERGWL
 RARPGAGISSLQTPVPTLLGPRACSRLLHAAPGGDGSPIILPGMVCTSAVGELPSCEGLSGAPLVHEVRGTW
 FLAGLHSFGDACQGPAPAVFTALPAYEDWVSSLDWQVYFAEPEPEAEPEGSCLANISQPTSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001039503

ORF Size:	1659 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_001039503.1</u>
RefSeq Size:	1662 bp
RefSeq ORF:	1662 bp
Locus ID:	339105
UniProt ID:	<u>Q2L4Q9</u>
Cytogenetics:	16p11.2
MW:	58.2 kDa