

Product datasheet for **RC200810A1V**

Human PRP19 (PRPF19) (NM_014502) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRP19 (PRPF19) (NM_014502) AAV Particle
Tag:	Myc-DDK
Symbol:	PRP19
Synonyms:	hPSO4; NMP200; PRP19; PSO4; SNEV; UBOX4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200810 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCCTAATCTGCTCCATCTCTAACGAAGTGCCGGAGCACCCATGTGTATCCCCTGTCTCTAATCATG
 TTTATGAGCGGGCTCATCGAGAAGTACATTGCGGAGAATGGTACCGACCCCATCAACAACAGCCTCT
 CTCCGAGGAGCAGCTCATCGACATCAAAGTTGCTACCCAATCCGGCCCAAGCCTCCCTCAGCCACCAGC
 ATCCCGGCCATTCTGAAAGCTTTGCAGGATGAGTGGGATGCAGTCATGCTGCACAGCTTCACTCTGCGCC
 AGCAGCTGCAGACAACCCGCCAAGAGCTGTACACGCTCTGTACCAGCAGATGCCGCTGCCGTGTCAT
 TGCCCGTCTACCAAGGAAGTCACTGCTGCCGAGAAGCTCTGGCTACCCTGAAACCACAGGCTGGCCTC
 ATTGTGCCCCAGGCTGTGCCAAGTTCCCAACCAAGTGTGTGGGTGCGGGTGAGCCAATGGATTTGGGTG
 AGCTGGTGGGAATGACCCAGAGATTATTCAGAAGCTTCAAGACAAAGCCACTGTGCTAACCCAGGAGCG
 CAAGAAGAGAGGAAGACTGTGCTGAGGAGCTGGTGAAGCCAGAAGAGCTCAGCAAATACCGGCAGGTG
 GCATCCACGTGGGGTTGCACAGTGCCAGCATTCTGGGATCCTGGCCCTGGACCTCTGCCCGTCCGACA
 CCAACAAGATCCTCACTGGTGGGGCGGATAAAAATGTCGTTGTGTTTGACAAAAGTTCTGAACAAATCCT
 GGCTACCCTCAAAGGCCATACCAAGAAGGTCAACAGCGTGGTGTTCACCCCTCCAGGACCTGGTGTTC
 TCTGCTTCCCCGATGCCACTATCAGGATTTGGTCGGTCCCCAATGCCTCTTGTGTACAGGTGGTTCCGG
 CCCATGAGAGTGCTGTGACAGGCCTCAGCCTTCATGCCACTGGCGACTATCTCCTGAGCTCCTCCGATGA
 TCAGTACTGGGCTTTCTCTGACATCCAGACAGGGCGTGTGCTACCAAGGTGACAGATGAGACCTCCGGC
 TGCTCTCTCACCTGTGCACAGTTCACCTGACGGACTCATCTTGAACAGGAACCATGGACTCTCAGA
 TCAAGACTGGGACTTGAAGAACGTAATAATGTGGCAACTTCCCTGGCCACTCGGGCCCCATCACTAG
 CATCGCCTTCTCTGAGAATGGTTACTACCTGGCTACAGCGGCTGATGACTCCTCTGTCAAGCTCTGGGAT
 CTGCGCAAGCTTAAGAACTTTAAGACTTTGCAGCTGGATAACAACTTTGAGGTAAAGTCACTGATCTTTG
 ACCAGAGTGGTACCTACCTGGCTCTTGGGGGCACGGATGTCCAGATCTACATCTGCAAACAATGGACGGA
 GATTCTTCACTTTACAGAGCATAGCGGCCTGACCACAGGGGTGGCCTTCGGGCATCACGCCAAGTTCATC
 GCTTCAACAGGCATGGACAGAAGCCTCAAGTTCTACAGCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200810 protein sequence
 Red=Cloning site Green=Tags(s)

MSLICISNEVPEHPCVSPVSNHVVYERRLIEKYIAENGTDPINNQPLSEEQLIDIKVAHPIRPKPPSATS
 IPAILKALQDEWDAVMLHSFTLRQQLQTRQELSHALYQHDAACRVIA RL TKEVTAAREALATLKPQAGL
 IVPQAVPSSQPSVVGAGEPMDLGELVGMTPEIIQKLQDKATVLTTERKKRGKTVPEELVKPEELSKYRQV
 ASHVGLHSASIPGILALDLCPSDTNKILTGADKNVVFVDFKSSEQILATLKGHTKKVTSVVFHPSQDLVF
 SASPDATIRIWSVPNASCVQVVRAHESAVTGLSLHATGDYLLSSDDQYWAFSDIQTRVLT KV TDETS
 CSLTCAQFHPDGLIFGTGTMDSQIKIWDLKERTNVANFPGHSGPITSIAFSENGYYLATAADDSSVKLWD
 LRKLKNFKTLQLDNNFEVKS LIFDQSGTYLALGGTDVQIYICKQWTEILHFTHEHSLTTGVAFGHAKFI
 ASTGMDRSLKFYSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014502

ORF Size:

1512 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_014502.3</u>
RefSeq Size:	2342 bp
RefSeq ORF:	1515 bp
Locus ID:	27339
UniProt ID:	<u>Q9UMS4</u>
Cytogenetics:	11q12.2
MW:	55.2 kDa