

## Product datasheet for **RC209009A1V**

### Human PM20D1 (NM\_152491) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human PM20D1 (NM_152491) AAV Particle
Tag:	Myc-DDK
Symbol:	PM20D1
Synonyms:	Cps1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC209009 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTCAGCGTGCCTTTGCGTGTGGCCCTGGTGGCTATGCTGCTCCTAGTTTCCCTACCGTCTCCA  
 GATCGATGGGCCCGAGGAGCGGGAGCATCAAAGGGCGTCGCAATCCCTTCTCAGTTCAGCAAAGAGGA  
 ACGCGTCGCGATGAAAGAGGCGCTGAAAGGTGCCATCCAGATTCCAACAGTGACTTTTAGCTCTGAGAAG  
 TCCAATACTACAGCCCTGGTGAGTTCGGAAAATACATTCATAAAGTCTTTCCTACAGTGGTCAGCACCA  
 GCTTTATCCAGCATGAAGTCGTGGAAGAGTATAGCCACCTGTTCACTATCCAAGGCTCGGACCCAGCTT  
 GCAGCCCTACCTGCTGATGGCTCACTTTGATGTGGTGCCTGCCCTGAAGAAGGCTGGGAGTGCCCCCA  
 TTCTCTGGTTGGAGCGTATGGCGTCTATATGGTTGGGGCACACTGGACGACAAGAAGTCTGTGATGG  
 CATTACTGCAGGCCTTGGAGCTCTGCTGATCAGGAAGTACATCCCCGAAGATCTTCTTCATTTCTCT  
 GGGCCATGATGAGGAGTCACTAGGGACAGGGGCTCAGAGGATCTCAGCCCTGCTACAGTCAAGGGCGTC  
 CAGCTAGCCTTATTGTGGACGAGGGGGCTTCATCTTGATGATTTTCCTAACTTCAAGAAGCCCA  
 TCGCCTTGATTGCAGTCTCAGAGAAGGGTTCATGAACCTCATGCTGCAAGTAAACATGACTTCAGGCCA  
 CTCTTCAGCTCCTCAAAGGAGACAAGCATTGGCATCCTTGCAGCTGCTGTACGCCGATTGGAGCAGACA  
 CCAATGCCTATCATATTTGGAAGCGGGACAGTGGTACTGTATTGCAGCAACTGGCAAATGAGTTTCCCT  
 TCCCTGTCAATATAATCTGAGCAACCCATGGCTATTTGAACCACTTATAAGCAGGTTTATGGAGAGAAA  
 TCCCTTAACCAATGCAATAATCAGGACCACCGGCACTACCATATTCAAAGCAGGGGTCAAGTTCAAT  
 GTCATCCCCCAGTGGCCAGGCCACAGTCAACTCCGGATTACCCTGGACAGACAGTCCAAGAGGTCC  
 TAGAATCACGAAGAACATTGTGGCTGATAACAGAGTCCAGTTCATGTGTTGAGTGCCTTTGACCCCT  
 CCCCGTACCCCTTCTGATGACAAGGCCTTGGGTACCAGCTGCTCCGCCAGACCGTACAGTCCGTCTTC  
 CCGGAAGTCAATATTACTGCCCCAGTTACTTCTATTGGCAACACAGACAGCCGATTCTTTACAAACCTCA  
 CCACTGGCATCTACAGTTCTACCCATCTACATACAGCCTGAAGACTTCAAACGCATCCATGGAGTCAA  
 CGAGAAAATCTCAGTCCAAGCCTATGAGACCAAGTGAATTCATCTTTGAGTTGATTGAGAATGCTGAC  
 ACAGACCAGGAGCCAGTTTCTCACCTGCACAACTG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC209009 protein sequence  
 Red=Cloning site Green=Tags(s)

MAQRVCVLALVAMLLLVFPTVSRSMGPRSGEHRASRIPSQFSKEERVAMKEALKGAIQIPTVTFSSSEK  
 SNTTALAEFGKYIHKVFPTVVSTFSIQHEVVEEYSHLFTIQGSDPSLQPYLLMAHFDVVPPEEGWEVPP  
 FSGLERDGVIIYWGTLDDKNSVMALLQALELLLIRKYIPRRSFFISLGHDEESSGTGAQRISALLQSRGV  
 QLAFIVDEGGFILDFFIPNFKPIALIAVSEKGSMLMLQVNMTSGHSSAPPKETSIGILAAAVSRLEQT  
 PMPPIIFSGSVTVVLQQLANEFPPVNIILSNPWLFEPLISRFMERNPLTNAIIRTTTALTIKAGVKFN  
 YIPPVAQATVNFRIHPGQTVQEVLELTKNIVADNRVQFHVLSAFDPLPVSPSDDKALGYQLLRQTVQSVF  
 PEVNITAPVTSIGNTDSRFFTNLTTGIYRFYPIYIQPEDFKRIHGVNEKISVQAYETQVKFIFELIQNAD  
 TDQEPVSHLHKL

SGP**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_152491

**ORF Size:**

1506 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><a href="#">NM_152491.3</a></u>
<b>RefSeq Size:</b>	2200 bp
<b>RefSeq ORF:</b>	1509 bp
<b>Locus ID:</b>	148811
<b>UniProt ID:</b>	<u><a href="#">Q6GTS8</a></u>
<b>Cytogenetics:</b>	1q32.1
<b>MW:</b>	55.8 kDa