

## Product datasheet for **RC210389A1V**

### Human Dopamine Receptor D1 (DRD1) (NM\_000794) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Dopamine Receptor D1 (DRD1) (NM_000794) AAV Particle
Tag:	Myc-DDK
Symbol:	Dopamine Receptor D1
Synonyms:	DADR; DRD1A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC210389 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGGACTCTGAACACCTCTGCCATGGACGGGACTGGGCTGGTGGTGGAGAGGGACTTCTCTGTTCGTA  
 TCCTCACTGCCTGTTTCCTGTCCTGCTCATCCTGTCCACGCTCCTGGGGAACACGCTGGTCTGTGCTGC  
 CGTTATCAGGTTCCGACACCTGCGGTCCAAGGTGACCAACTTCTTTGTATCTCCTTGGCTGTGTCAGAT  
 CTCTTGGTGGCCGTCCTGGTCATGCCCTGGAAGCAGTGGCTGAGATTGCTGGCTTCTGGCCCTTTGGGT  
 CCTTCTGTAACATCTGGGTGGCCTTTGACATCATGTGCTCCACTGCATCCATCCTCAACCTCTGTGTGAT  
 CAGCGTGGACAGGTATTGGGCTATCTCCAGCCCTTTCCGGTATGAGAGAAAGATGACCCCAAGGCAGCC  
 TTCATCCTGATCAGTGTGGCATGGACCTGTCTGTACTCATCTCCTTCATCCAGTGCAGCTCAGCTGGC  
 ACAAGGCAAAACCCACAAGCCCTCTGATGAAATGCCACTTCCCTGGCTGAGACCATAGACAACGTGA  
 CTCCAGCCTCAGCAGGACATATGCCATCTCATCTCTGTAATAAGCTTTTACATCCTGTGGCCATCATG  
 ATTGTACCTACACCAGGATCTACAGGATTGCTCAGAAACAAATACGGCGCATTGCGGCCTTGGAGAGGG  
 CAGCAGTCCACGCCAAGAATTGCCAGACCACCACAGGTAAATGGAAGCCTGTGCAATGTTCTCAACCGGA  
 AAGTCTTTTAAAGATGTCCTTCAAAGAGAAACTAAAGTCTGAAGACTCTGTGCGGTGATCATGGGTGTG  
 TTTGTGTGCTGTTGGCTACCTTTCTTACCTTGAAGTGCATTTTGGCCTTCTGTGGGTCTGGGGAGACGC  
 AGCCCTTCTGCATTGATTCCAACACCTTTGACGTGTTGTGTGGTTTGGTGGGCTAATTCATCCTTGAA  
 CCCCATCATTTATGCCTTAAATGCTGATTTTCGGAAGGCATTTTCAACCTCTTAGGATGCTACAGACTT  
 TGCCCTGCGACGAATAATGCCATAGAGACGGTGAATCAATAACAATGGGGCCGCGATGTTTCCAGCC  
 ATCATGAGCCACGAGGCTCCATCTCAAGGAGTCAATCTGGTTTACCTGATCCACATGCTGTGGGCTC  
 CTCTGAGGACCTGAAAAAGGAGGAGGCAGCTGGCATCGCCAGACCCTTGGAGAAGCTGTCCCCAGCCCTA  
 TCGTTCATATTGACTATGACACTGACGTCTCTGGAGAAGATCCAACCCATCACACAAAACGGTCAGC  
 ACCCAACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC210389 protein sequence  
 Red=Cloning site Green=Tags(s)

MRTLNTSAMDGTGLVVERDFSVRILTACFLSLLILSTLLGNTLVCAAVIRFRHLRSKVTNFFVISLAVSD  
 LLVAVLVMPWKAVAEIAGFWPFGSFCNIWVAFDIMCSTASILNLCVISVDRYWAISSPFRYERKMTPKAA  
 FILISVAWTLVLSIFIPVQLSWHKAKPTSPSDGNATSLAETIDNCDSSLRSTYAISSSVISFYIPVAIM  
 IVTYTRIYRIAQKQIRRIAALERAHAVHAKNCQTTTNGKPVVECSQPESSEFKMSFKRETKVLKTLVIMGV  
 FVCCWLPFFILNLCILPFCGSGETQPFIDSNTFDVFWVFWGWNSSLNPIIYAFNADFRKAFSTLLGCYRL  
 CPATNNAIETVSIINNGAAMFSSHHEPRGSISKECNLYLIPHAVGSSEDLKKEEAAGIARPLEKLSPAL  
 SVILDYDTDVLSLEKIQTQNGQHT

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_000794

**ORF Size:**

1338 bp

**Buffer:**

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_000794.3</a></u>
<b>RefSeq Size:</b>	3373 bp
<b>RefSeq ORF:</b>	1341 bp
<b>Locus ID:</b>	1812
<b>UniProt ID:</b>	<u><a href="#">P21728</a></u>
<b>Cytogenetics:</b>	5q35.2
<b>MW:</b>	49.3 kDa