

Product datasheet for **RC202502A1V**

Human Dopamine Receptor D5 (DRD5) (NM_000798) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Dopamine Receptor D5 (DRD5) (NM_000798) AAV Particle
Tag:	Myc-DDK
Symbol:	Dopamine Receptor D5
Synonyms:	DBDR; DRD1B; DRD1L2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202502 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGCCGCCAGGCAGCAACGGCACCCGCTACCCGGGGCAGTTCGCTCTATACCAGCAGCTGGCGCAGG
 GGAACGCCGTGGGGGGCTCGGGCGGGGACCGCCACTGGGGCCCTCACAGGTGGTCACCGCTGCCTGCT
 GACCCACTCATCATCTGGACCTGCTGGGCAACGTGCTGGTGTGCGCAGCCATCGTGCGGAGCCGCCAC
 CTGCGCGCAACATGACCAACGTCTTCATCGTGTCTCTGGCCGTGTGAGACCTTTTCGTGGCGCTGCTGG
 TCATGCCCTGGAAGGCAGTCGCCGAGGTGGCCGGTTACTGGCCCTTTGGAGCGTTCTGCGACGTCTGGGT
 GGCCTTCGACATCATGTGCTCCACTGCCTCCATCTGAACTGTGCGTCATCAGCGTGGACCGCTACTGG
 GCCATCTCCAGGCCCTCCGCTACAAGCGCAAGATGACTCAGCGCATGGCCTTGGTCATGGTCGGCCTGG
 CATGGACCTTGCCATCCTCATCTCCTTCAATCCGGTCCAGCTCAACTGGCACAGGGACCAGGCGGCCCTC
 TTGGGGCGGGCTGGACCTGCCAAACAACCTGGCAACTGGACGCCCTGGGAGGAGACTTTTGGGAGCCC
 GACGTGAATGCAGAGAACTGTGACTCCAGCCTGAATCGAACCTACGCCATCTCTTCTCGCTCATCAGCT
 TCTACATCCCCGTTGCCATCATGATCGTGACCTACACGCGCATCTACCGCATCGCCCAGGTGCAGATCCG
 CAGGATTTCTCCCTGGAGAGGGCCGCAGAGCACGCGCAGAGCTGCCGGAGCAGCGCAGCCTGCGCGCCC
 GACACCAGCCTGCGCGCTTCCATCAAGAAGGAGACCAAGGTTCTCAAGACCCTGTCGGTGATCATGGGGG
 TCTTCGTGTGTTGCTGGCTGCCCTTCTTCATCCTTAACTGCATGGTCCCTTTCTGCAGTGGACACCCTGA
 AGGCCCTCCGGCCGGCTCCCTGCGTCAGTGAGACCACCTTCGACGTCTTCTGCTGGTTCGGCTGGGT
 AACTCTCACTCAACCCCGTCACTATGCCTTCAACGCCGACTTTCAGAAGGTGTTTGGCCAGCTGCTGG
 GGTGCAGCCACTTCTGCTCCCGCAGCCGGTGGAGACGGTGAACATCAGCAATGAGCTCATCTCTACAA
 CCAAGACATCGTCTTCCACAAGGAAATCGCAGCTGCCTACATCCACATGATGCCCAACCGCGTTACCCCC
 GGCAACCGGGAGGTGGACAACGACGAGGAGGGTCTTTTCGATCGCATGTTCCAGATCTATCAGACGT
 CCCCAGATGGTGACCCTGTTGCTGAGTCTGTCTGGGAGCTGGACTGCGAGGGGGAGATTTCTTTAGACAA
 AATAACACCTTTCACCCCGAATGGATTCCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202502 protein sequence
 Red=Cloning site Green=Tags(s)

MLPPGSNGTAYPGQFAL YQQLAQGNAVGGGAGAPPLGPSQVVTACLLTLLIIWTL LGNLVCAAI VRSRH
 L RANMTNVFIVSLAVSDFVALLVMPWKAVA EVAGYWPFGAFCDVWVAFDIMCSTASILNLCVISVDRYW
 AISRPFYRKRKMTQRMALVMVGLAWTLSILISFIPVQLNWHRDQAASWGGLDLPNNLANWTPWEEDFWEP
 DVNAENCSSLNRTYAISSSLISFYIPVAIMIVTYTRYIRIAQVQIRRISSLERAAEHAQSCRSSAACAP
 DTSLRASIKKETKVLKTL SVIMGVFVCCWLPFFILNCMPFCSGHPEGPPAGFPCVSETTFDVFVWFGWA
 NSSLNPVIYAFNADFQKVF AQLLGCSHFCSRTPVETVNI SNELISYNQDIVFHKEIAAAYIHMPNAVTP
 GNREVDNDEEEGPFDRMFQIYQTSPDGPVAESVWELDCEGEISL DKITPFTPNGFH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000798

ORF Size:

1431 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_000798.3</u> , <u>NP_000789.1</u>
RefSeq Size:	2398 bp
RefSeq ORF:	1434 bp
Locus ID:	1816
UniProt ID:	<u>P21918</u>
Cytogenetics:	4p16.1
MW:	53 kDa