

Product datasheet for **RC213065A1V**

Human Dopamine D2 Receptor (DRD2) (NM_016574) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Dopamine D2 Receptor (DRD2) (NM_016574) AAV Particle
Tag:	Myc-DDK
Symbol:	Dopamine D2 Receptor
Synonyms:	D2DR; D2R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC213065 representing NM_016574 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGGATCCACTGAATCTGTCCTGGTATGATGATGATCTGGAGAGGCAGAAGCTGGAGCCGGCCCTCAACGGT
GGTCAGACGGGAAGGCGGACAGACCCCACTACAACACTATGCCACACTGCTCACCTGCTCATCGCTGT
CATCGTCTTCGGCAACGTGCTGGTGTGCATGGCTGTGTCCCGGAGAAGGCGCTGCAGACCACCAAC
TACCTGATCGTCAGCTCGCAGTGGCCGACCTCCTCGTCGCCACACTGGTCATGCCCTGGGTTGTCTACC
TGGAGGTGGTAGGTGAGTGAAATTCAGCAGGATTCACCTGTGACATCTTCGTCACCTGGACGTCATGAT
GTGCACGCGAGCATCCTGAACCTGTGTGCCATCAGCATCGACAGGTACACAGCTGTGGCCATGCCCATG
CTGTACAATACGCGCTACAGCTCCAAGCGCCGGGTCACCGTCATGATCTCCATCGTCTGGGTCCTGTCT
TCACCATCTCCTGCCACTCCTCTTCGGACTCAATAACGCAGACCAGAACGAGTGCATCATTGCCAACCC
GGCCTTCGTGGTCTACTCCTCCATCGTCTCCTTCTACGTGCCCTTCATTGTACCCTGCTGGTCTACATC
AAGATCTACATTGTCTCCGAGACGCCGAAGCGAGTCAACACCAAACGCAGCAGCCGAGCTTTCAGGG
CCCACCTGAGGGCTCCACTAAGGAGGCTGCCCGGCGAGCCAGGAGCTGGAGATGGAGATGCTCTCCAG
CACCAGCCACCCGAGAGGACCCGGTACAGCCCATCCACCCAGCCACCAGCTGACTCTCCCCGAC
CCGTCCCACCACGGTCTCCACAGCACTCCGACAGCCCGCCAAACCAGAGAAGAATGGGCATGCCAAAG
ACCACCCCAAGATTGCCAAGATCTTTGAGATCCAGACCATGCCCAATGGCAAAACCCGGACCTCCCTCAA
GACCATGAGCCGTAGGAAGCTCTCCAGCAGAAGGAGAAGAAAGCCACTCAGATGCTCGCCATTGTTCTC
GGCGTGTTCATCATCTGCTGGTGCCTTCTTCATCACACACATCCTGAACATACACTGTGACTGCAACA
TCCCGCTGTCTGTACAGCGCCTTCACGTGGCTGGGCTATGTCAACAGCGCCGTGAACCCATCATCTA
CACCACCTTCAACATTGAGTTCCGCAAGGCCTTCTGAAGATCCTCCACTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC213065 representing NM_016574 Red=Cloning site Green=Tags(s)</p> <p>MDPLNLSWYDDDLERQNWSRPFNGSDGKADRPYNYATLLTLLIAVIVFGNVLVCMASREKALQTTTNYLIVSLAVADLLVATLVMPWVVYLEVVGWKFVSRHCDIFVTLDMVMCTASILNLCAISIDRYTAVAMPMYLNTRYSSKRRVTVMISIVWVLSFTISCPFLFGLNNADQNECIANPAFVYSSIVSFYVPFIVTLLVYIKIYIVLRRRRKRVNTRKSSRAFRAPLKEAARRAQELEMMLSSSTPPERTRYSPIPPSSHQLTLPDPSHHGLHSTPDSPAKPEKNGHAKDHPKIAKIFEIQTMPNGKTRTSLKTMSRRKLSQQKEKKATQMLAIVLGVFIICWLPFFITHILNIHCDCNIPVLYSAFTWLGYN SAVNPIIYTTFNIEFRKAFLKILHC</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016574
ORF Size:	1242 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:	NM_016574.2
RefSeq Size:	2556 bp
RefSeq ORF:	1245 bp
Locus ID:	1813
UniProt ID:	P14416
Cytogenetics:	11q23.2
MW:	47.2 kDa