

Product datasheet for **RC228917A1V**

Human Cannabinoid Receptor I (CNR1) (NM_001160259) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cannabinoid Receptor I (CNR1) (NM_001160259) AAV Particle
Tag:	Myc-DDK
Symbol:	Cannabinoid Receptor I
Synonyms:	CANN6; CB-R; CB1; CB1A; CB1K5; CB1R; CNR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228917 representing NM_001160259
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGTCGATCCTAGATGGCCTTGACATACCACCTCCGCACCATCACCCTGACCTCCTGTACGTGG
 GCTCAAATGACATTCAGTACGAAGACATCAAAGGTGACATGGCATCCAAATTAGGGTACTTCCCACAGAA
 ATCCCTTTAACTTCCTTTAGGGGAAAGTCCCTTCCAAGAGAAGATGACTGCGGGAGACAACCCCAAGCTA
 GTCCCAGCAGACCAGGTGAACATTACAGAATTTTACAACAAGTCTCTCTCGTCTTCAAGGAGAATGAGG
 AGAACATCCAGTGTGGGAGAACTTCATGGACATAGAGTGTTCATGGTCTGAACCCAGCCAGCAGCT
 GGCCATTGCAGTCTGTCCCTCACGCTGGGCACCTTACGGTCTGGAGAACCTCCTGGTGTGTGCGTC
 ATCCTCCACTCCCGCAGCCTCCGCTGCAGGCCCTCCTACCACTTATCGGCAGCCTGGCGGTGGCAGACC
 TCCTGGGAGTGTCAATTTTGTCTACAGCTTCATTGACTTCCAGTGTCCACCGCAAAGATAGCCGCAA
 CGTGTTTCTGTCAAACCTGGGTGGGTCACGGCCTCCTCACTGCCTCCGTGGCAGCCTGTTCCCTCACA
 GCCATCGACAGGTACATATCCATTCACAGGCCCTGGCCTATAAGAGGATTGTCACCAGGCCAAGGCCG
 TGGTGGCGTTTTGCCTGATGTGGACCATAGCCATTGTGATCGCCGTGCTGCCTCCTGGGCTGGAAGT
 CGAGAACTGCAATCTGTTTGTCTCAGACATTTCCACACATTGATGAAACCTACCTGATGTTCTGGATC
 GGGGTCACCAGCGTACTGCTTCTGTTTATCGTGTATGCGTACATGTATATTCTCTGGAAGGCTCACAGCC
 ACGCCGTCCGCATGATTCAGCGTGGCACCCAGAAGAGCATCATCATCCACACGCTGAGGATGGGAAGGT
 ACAGGTGACCCGGCCAGACCAAGCCCGCATGGACATTAGGTTAGCCAAGACCCTGGTCTGATCCTGGTG
 GTGTTGATCATCTGCTGGGCCCTCTGCTTGAATCATGGTGTATGATGCTTTGGGAAGATGAACAAGC
 TCATTAAGACGGTGTTCATTCTGCAGTATGCTCTGCCTGCTGAACCTCACCGTGAACCCCATCATCTA
 TGCTCTGAGGAGTAAGGACCTGCGACACGCTTCCGGAGCATGTTTCCCTCTTGTGAAGGCACTGCGCAG
 CCTCTGGATAACAGCATGGGGGACTCGGACTGCCTGCACAAACACGCAAACAATGCAGCCAGTGTTCACA
 GGGCCGCAGAAAGCTGCATCAAGAGCACGGTCAAGATTGCCAAGGTAACCATGTCTGTGTCCACAGACAC
 GTCTGCCGAGGCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228917 representing NM_001160259
 Red=Cloning site Green=Tags(s)

MKSILDGLADTTFRITITDILLYVGSNDIQYEDIKGDMSKLGYPQKFPPLTSFRGSPFQEKMTAGDNPQL
 VPADQVNITFYNKLSLSSFKENEENIQCGENFMDIECFMVLNPSQQLAIAVLSLTLGTFVLENLLVLCV
 ILHSRSLRCRPSYHFIFIGSLAVADLLGSVIFVYSFIDFHVFRKDSRNVFLFKLGGVTASFASVGSFLFT
 AIDRYISIHRLAYKRIVTRPKAVVAFCLMWTIAIVIAVLPPLGWNCLEKLSVCSDFPHIDETYLFWI
 GVTSVLLLFIYVAYMYILWKAHSHAVRMIQRGTQKSI IHTSEDGKVQVTRPDQARMDIRLAKTLVLILV
 VLIICWGPLLAIMVYDVF GKMNKLIKTVFAFCMLCLLNSTVNP I IYALRSKDLRHAFRSMFSPCEGTAQ
 PLDNSMGDSDCLHKHANNAASVHRAAESCIKSTVKIAKVTMSVSTDTSAEAL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001160259

ORF Size:

1416 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_001160259.1</u>
RefSeq ORF:	1419 bp
Locus ID:	1268
UniProt ID:	<u>P21554</u>
Cytogenetics:	6q15
MW:	52.7 kDa