

Product datasheet for **RC224155A1V**

Human alpha 1a Adrenergic Receptor (ADRA1A) (NM_000680) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human alpha 1a Adrenergic Receptor (ADRA1A) (NM_000680) AAV Particle
Tag:	Myc-DDK
Symbol:	alpha 1a Adrenergic Receptor
Synonyms:	ADRA1C; ADRA1L1; ALPHA1AAR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224155 representing NM_000680
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTGTTCCTCTCGGAAATGCTTCCGACAGCTCCAACCTGCACCAACCGCGGCACCGGTGAACATTT
 CCAAGGCCATTCTGCTCGGGGTGATCTTGGGGGCGCTCATTCTTTTCGGGGTGCTGGGTAAACATCCTAGT
 GATCCTCTCCGTAGCCTGTACCGACACCTGCACTCAGTCACGCACTACTACATCGTCAACCTGGCGGTG
 GCCGACCTCCTGCTCACCTCCACGGTGTGCCCTTCTCCGCCATCTTCGAGGTCTAGGCTACTGGGCT
 TCGGCAGGGTCTTCTGCAACATCTGGGCGGCAGTGGATGTGCTGTGCTGCACCGGTCCATCATGGGCT
 CTGCATCATCTCCATCGACCGCTACATCGGCGTGAGCTACCGCTGCGCTACCAACCATCGTCAACCG
 AGGAGGGGTCTCATGGCTCTGCTCTGCTCTGGGCACTCTCCCTGGTCATATCCATTGGACCCCTGTTTCG
 GCTGGAGGCAGCGGCCCGGAGGACGAGACCATCTGCCAGATCAACGAGGAGCGGGCTACGCGCTCTT
 CTCAGCGCTGGGCTCCTTCTACCTGCCTCTGGCCATCATCCTGGTCATGTACTGCCGCTCTACGTGGT
 GCCAAGAGGGAGAGCGGGGCGCTCAAGTCTGGCCTCAAGACCGACAAGTCGGACTCGGAGCAAGTGACGC
 TCCGCATCCATCGGAAAAACGCCCGGAGGAGGAGCGGGATGGCCAGCGCCAAGACCAAGACGCACTT
 CTCAGTGAGGCTCCTCAAGTTCTCCCGGAGAAGAAAGCGGCCAAAACGCTGGGCATCGTGGTCCGGCTG
 TTCGCTCTCTGCTGGTGCCTTTTTTCTTAGTCATGCCATTGGGTCTTCTTCCCTGATTTCAAGCCCT
 CTGAAACAGTTTTTAAATAGTATTTTGGCTCGGATATCTAAACAGCTGCATCAACCCCATCATATACC
 ATGCTCCAGCAAGAGTTCAAAAGGCTTTTCAAGATGTCTTGAGAATCCAGTGTCTCCGAGAAAGCAG
 TCTTCCAAACATGCCCTGGGCTACACCTGCACCGCCAGCCAGGCGGTGGAAGGGCAACACAAGGACA
 TGGTGCGCATCCCCGTGGGATCAAGAGAGACCTTCTACAGGATCTCAAGACGGATGGCGTTTGTGAATG
 GAAATTTTTCTCTTCCATGCCCCGTGGATCTGCCAGGATTACAGTGTCCAAAGACCAATCCTCCTGTACC
 ACAGCCCGGTGAGAAGTAAAGCTTTTTGCAGGTCTGCTGCTGTGTAGGGCCCTCAACCCAGCCTTG
 ACAAGAACCATCAAGTTCCAACCATTAAGGTCCACACCATCTCCCTCAGTGAGAAGGGGAGGAAGTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224155 representing NM_000680
 Red=Cloning site Green=Tags(s)

MVFLSGNASDSSNCTQPPAPVNISKAILLGVLGGLILFVGLGNILVILSVACHRHLSVTHYYIVNLAV
 ADLLLTSTVLPFSAIFEVLGYWAFGRVFCNIWAAVDVLCCTASIMGLCIISIDRYIGVSYPLRYPTIVTQ
 RRGLMALLCVWALSIVISIGPLFGWRQPAPEDETICQINEEPGYALFSALGSFYLPAILVMYCRVYV
 AKRESRGLKSLKTDKSDSEQVTLRIHRKNAPAGGSGMASAKTKTHFSVRLLKFSREKKAATLGIIVGC
 FVLCWLPPFLVMPIGSFFPDFKPSSETVFKIVFWLGYLNSCINPIIYPCSSQEFKAFQNLRIQCLRRKQ
 SSKHALGYTLHPPSQAVEGQHKDMVRIPVGSRETFYRISKTDGVCWKFFSSMPRGSARITVSKDQSSCT
 TARVRSKSFLQVCCVGPSTPSLDKNHQVPTIKVHTISLSENGEEV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000680

ORF Size:

1398 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_000680.1, NP_000671.1</u>
RefSeq Size:	2290 bp
RefSeq ORF:	1401 bp
Locus ID:	148
UniProt ID:	<u>P35348</u>
Cytogenetics:	8p21.2
MW:	51.3 kDa