

Product datasheet for **RC220659A1V**

Human alpha 2b Adrenergic Receptor (ADRA2B) (NM_000682) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human alpha 2b Adrenergic Receptor (ADRA2B) (NM_000682) AAV Particle
Tag:	Myc-DDK
Symbol:	alpha 2b Adrenergic Receptor
Synonyms:	ADRA2L1; ADRA2RL1; ADRARL1; alpha-2BAR; ALPHA2BAR; FAME2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC220659 representing NM_000682
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACCACCAGGACCCCTACTCCGTGCAGGCCACAGCGGCCATAGCGGCGGCCATCACCTTCCTCATTC
 TCTTTACCATCTTCGGCAACGCTCTGGTCATCCTGGCTGTGTTGACCAGCCGCTCGCTGCGCGCCCTCA
 GAACCTGTTCTGGTGTCTGCTGGCCGCCGCGACATCCTGGTGGCCACGCTCATCATCCCTTTCTCGCTG
 GCCAACGAGCTGCTGGGCTACTGGTACTTCCGGCGCACGTGGTGCAGGTGTACCTGGCGCTCGACGTGC
 TCTTCTGCACCTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTGGGCGGTGAGCCGCGC
 GCTGGAGTACAACCTCAAGCGCACCCCGCGCCGCATCAAGTGCATCATCCTCACTGTGTGGCTCATCGCC
 GCCGTATCTCGTGGCGCCCTCATCTACAAGGGCGACAGGGCCCCAGCCGCGGGCGCCCCCAGT
 GCAAGCTCAACCAGGAGGCTGGTACATCCTGGCCTCCAGCATCGGATCTTTCTTGTCTCTGCCTCAT
 CATGATCCTTGTCTACCTGCGCATCTACCTGATCGCCAAACGCAGCAACCGCAGAGGTCCAGGGCCAAG
 GGGGGGCTGGGCGAGGTGAGTCCAAGCAGCCCGACCCGACCATGGTGGGGCTTTGGCCTCAGCCAAAC
 TGCCAGCCCTGGCCTCTGTGGCTTCTGCCAGAGAGGTCAACGGACACTCGAAGTCCACTGGGAGAAGGA
 GGAGGGGGAGACCCCTGAAGATACTGGGACCCGGGCTTGCCACCCAGTTGGGCTGCCCTTCCAACTCA
 GGCCAGGGCCAGAAGGAGGTGTTTGTGGGTCATCTCCAGAGGATGAAGCTGAAGAGGAGGAAGAGGAGG
 AGGAGGAGGAGGAAGAGTGTGAACCCAGGCAGTGCCAGTGTCTCCGGCTCAGCTTGACGCCCCCGCT
 GCAGCAGCCACAGGGCTCCCGGTGCTGGCCACCCTACGTGGCCAGGTGCTCTGGGCGAGGGCGTGGGT
 GCTATAGTGGGCAAGTGGTGGCGTGCAGGGCGCAGCTGACCCGGGAGAAGCGCTTACCTTCGTGCTGG
 CTGTGGTCATTGGCGTTTTTGTGCTCTGCTGTTCCCTTCTTCTTCTGATCGGCTACTGCAACAGCTCA
 CCCGAAGCACTGCAAGGTGCCCATGGCCTCTTCCAGTTCTTCTTCTGATCGGCTACTGCAACAGCTCA
 CTGAACCTGTTATCTACACCATCTTCAACCAGGACTTCGCCGTGCCTTCCGAGGATCCTGTGCCGCC
 CGTGGACCCAGACGGCCTGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220659 representing NM_000682
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MDHQDPYSVQATAAIAAAITFLILFTIFGNALVILAVLTSRSLRAPQNLFLVSLAAADILVATLIIPFSL
 ANELLYWYFRRTWCEVYLALDVLFTSSIVHLCAISLDRYWAVSRALEYNSKRTPRRIKCIILTVWLIA
 AVISLPLIYKGDQGPQPRGPQCKLNQEAUYILASSIGSFFAPCLIMILVYLRIYLIAKRSNRRGPRAK
 GGPQGQESKQPRPDHGGALASAKLPALASVASAREVNGHKSSTGEKEEGETPEDTGTRALPPSWAALPNS
 GQGQKEGVCGASPEDEAECEPQAVPVSPASACSPPLQQPQGSRLATLRGQVLLGRGVG
 AIGGQWRRRAQLTREKRFTFVLAVVIGVFLCWFPFFFSYSLGAICPKHCKVPHGLFQFFFWIGYCNS
 LNPVIYITIFNQDFRRAFRRILCRPWTQTAW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000682

ORF Size:

1350 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_000682.4</u>
RefSeq Size:	3288 bp
RefSeq ORF:	1353 bp
Locus ID:	151
UniProt ID:	<u>P18089</u>
Cytogenetics:	2q11.2
MW:	49.8 kDa