

Product datasheet for **RC223974A1V**

Human alpha 1b Adrenergic Receptor (ADRA1B) (NM_000679) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	alpha 1b Adrenergic Receptor
Synonyms:	ADRA1; ALPHA1BAR
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223974 representing NM_000679
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAATCCCGACCTGGACACCGGCCACAACACATCAGCACCTGCCCACTGGGGAGAGTTGAAAAATGCCA
 ACTTCACTGGCCCCAACAGACCTCGAGCAACTCCACACTGCCCCAGCTGGACATCACCAGGGCCATCTC
 TGTGGGCTGGTGTGGGCGCCTTCATCTCTTTGCCATCGTGGGCAACATCCTAGTCATCTTGTCTGTG
 GCCTGCAACCGGCACCTGCGGACGCCACCAACTACTTCAATGTCAACCTGGCCATGGCCGACCTGCTGT
 TGAGCTTACCCTCTGCCCTTCTCAGCGGCCCTAGAGGTGCTCGGCTACTGGGTGCTGGGGCGGATCTT
 CTGTGACATCTGGGCAGCCGTGGATGCTCTGTGCTGCACAGCGTCCATTCTGAGCCTGTGCCCATCTCC
 ATCGATCGCTACATCGGGTGCCTACTCTCTGCAGTATCCACGCTGGTCAACCGGAGGAAGGCCATCT
 TGGCGTCTCAGTGTCTGGGTCTTGTCCACGTCATCTCCATCGGCGCTCTCCTTGGGTGGAAGGAGCC
 GGCACCCAACGATGACAAGGAGTGGGGTCAACGAAGAACCCTTCTATGCCCTCTTCTCTCTCTGGGC
 TCCTTCTACATCCCTCTGGCGTCACTTCTAGTCATGTACTGCCGTGTCTATATAGTGCCAAGAGAACCA
 CCAAGAACCTAGAGGCAGGAGTCATGAAGGAGATGTCCAACCTCAAGGAGCTGACCCCTGAGGATCCATTC
 CAAGAACTTTCACGAGGACACCTTAGCAGTACCAAGGCCAAGGGCCACAACCCAGGAGTTCCATAGCT
 GTCAAACTTTTAAAGTTCTCCAGGAAAAAGAAAGCAGCTAAGACGTTGGCATTGTGGTCCGATGTTCA
 TCTTGTGCTGGCTACCTTCTTCATCGCTCTACCGCTTGGCTCCTTGTCTCCACCTGAAGCCCCCGGA
 CGCCGTGTTCAAGGTGGTGTCTGGCTGGGCTACTTCAACAGCTGCCTCAACCCATCATCTACCCATGC
 TCCAGCAAGGAGTTCAAGCGCGCTTCTGTCGCATCCTCGGGTCCAGTGCCGCGCGCGCGCGCGCC
 GACGCGCGCGCGCGCTGCGCTGGGCGGCTGCGCTACCTACCGCGCTGGACGCGCGCGCGCTGCT
 GGAGCGCTCGCAGTCGCGCAAGGACTCGCTGGACGACAGCGCAGCTGCCTGAGCGGCAGCCAGCGGACC
 TTGCCCTCGGCTCGCCGAGCCCGGCTACCTGGGCGCGCGCGCGCCACCGCCAGTCGAGCTGTGCGCCT
 TCCCGAGTGGAAGCGCGCGCGCTCCTGAGCCTGCCGCGCTGAGCCCCCGGCGCGCGCGCGCGC
 CCACGACTCGGGCCGCTCTTCACTTCAAGCTCCTGACCGAGCCCGAGAGCCCCGGGACCGAGCGCGC
 GCCAGCAACGGAGGCTGCGAGGCGCGCGCGAGCTGGCCAACGGGACCGGGCTTCAAAGCAACATGC
 CCCTGGCGCCCGGCGAGTTT

ACGCGTACGCGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223974 representing NM_000679
 Red=Cloning site Green=Tags(s)

MNPDLDTGHNTSAPAHWGELKNANFTGPNQTSNSTLPQLDITRAISVGLVLGAFILFAIVGNILVILSV
 ACNRLHRTPTNYFIVNLAMADLLLSTVLPFSAALEVLGYWVLGRIFCDIWAADVLCCTASILSLCAIS
 IDRYIGVRYSLQYPTLVTRRKAILALLSVWVLSTVISIGPLLGWKEPAPNDKCEGVTEPEFYALFSSLG
 SFYIPLAVILVMYCRVYIVAKRTTKNLEAGVMKEMSNSKELTLRIHKNFHEDTLSSTKAKGHNPRSSIA
 VKLKFVSREKKAATLGIVVGMFILCWLFFIALPLGSLFSTLKPPDAVFKVFWLGYFNSCLNPIIYPC
 SSKEFKRAFVRILGCQCRGRGRRRRRRRRLGGCAYTYRPWTRGGSLSRSQSRKDSLDDSGSCLSGSQRT
 LPSASPSGYLGRGAPPVELCAFPEWKAPGALLSLPAPEPPGRRGRHDSGPLFTFKLLTEPESPGTDGG
 ASNGGCEAAADVANGQPGFKSNMPLAPGQF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_000679
ORF Size: 1560 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_000679.3
RefSeq Size:	2272 bp
RefSeq ORF:	1563 bp
Locus ID:	147
UniProt ID:	P35368
Cytogenetics:	5q33.3
MW:	56.7 kDa