

Product datasheet for **RC212102A1V**

Human Adducin 2 (ADD2) (NM_017482) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Adducin 2 (ADD2) (NM_017482) AAV Particle
Tag:	Myc-DDK
Symbol:	Adducin 2
Synonyms:	ADDB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212102 representing NM_017482
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCGAAGAGACGGTCCCCGAGGCTGCCTCGCCGCCGCCCGCAGGGGCAGCCTTACTTTGACCGCT
 TCTCAGAGGACGACCCCGAGTACATGCGCCTTCGCAACCGGGCGCGGACCTGCGGCAGGACTTCAACCT
 GATGGAGCAGAAGAAGCGCGTCACCATGATCCTGCAGAGTCCCTCTTTCAGGGAGGAGCTGGAAGGCCTC
 ATCCAGGAGCAGATGAAGAAGGGGAACAACCTCTCCAACATCTGGGCCCTGCGACAGATCGCGGACTTCA
 TGGCCAGCACCTCCACGCAGTCTTCCGACATCTTCCATGAATGTCTCCATGATGACGCCTATCAATGA
 CCTCCACACAGCTGACTCCCTGAACCTGGCCAAAGGGGAGCGGCTCATGCGGTGCAAGATCAGCAGTGTC
 TACCGACTCCTGGACCTCTATGGCTGGGCCAGCTGAGTGACACCTATGTCACGTTGAGAGTCAGCAAGG
 AGCAGGACCCTTCTGATCAGCCCTAAGGGAGTTTCTTGCAGTGAAGTACAGCGTCCAGCCTGATCAA
 GGTGAACATTCTGGGAGAGGTGGTGGAGAAGGGCAGCAGCTGCTCCAGTGGACACCACAGGCTTCTGT
 CTGCACTCGGCCATCTATGCAGCGAGGCCCGACGTGCGCTGCATCATCCACCTGCACACACCGGCCACAG
 CAGCGGTGTCGCCCATGAAGTGGGGCCTCCTGCCTGTCTCCACAATGCCCTGCTGGTGGGGGACATGGC
 CTATTATGACTTCAATGGGGAATGGAGCAGGAAGCCGATCGGATCAACCTGCAGAAAGTGCCTTGGACCC
 ACCTGCAAGATCCTGGTGCTAAGAAACCATGGAGTGGTTGCTCTGGGTGACACGGTAGAGGAGGCATTTT
 ACAAGATCTTCCACCTGCAGGCTGCATGTGAGATACAGGTGTCGGCTCTGTCCAGTGCCGGGGGAGTGGA
 GAACCTCATCCTCGGAGCAGGAGAAGCACCGGCCCATGAGGTGGGCTCCGTGCAGTGGGCCGGGAGC
 ACCTTTGGGCTATGCAGAAGAGTCGGCTGGGGGAGCATGAGTTTGAAGCCCTCATGAGGATGCTGGACA
 ACCTGGGCTACAGAACAGGTTACACGTATCGCCACCCCTTTGTTCAAGAGAAAACCAACACAAAAGTGA
 GGTGGAGATTCCAGCCACGGTCACAGCCTTCGTGTTTGAAGGAGACGGTGCCCGGTCGCCGCCCTGCGA
 CAGCATGCCCAGAAGCAGCAGAAGGAGAAGACCGCTGGCTCAATACGCCCAACACCTACCTGCGGGTCA
 ATGTGGCCGATGAGGTCCAGAGGAGCATGGGCAGCCCCGACCCAAGACCACGTGGATGAAGGCTGACGA
 GGTGGAGAAATCCAGCAGTGGCATGCCATTGCGATCGAAAACCCAAACCAATTTGTGCCTCTCTATACT
 GACCCCCAGGAAGTACTGGAGATGAGGAACAAGATTCGAGAACAAAACGACAAGATGTGAAGTCAGCGG
 GGCCTCAGTCCAGCTCCTGGCAGCGTCATTGCCGAGAAGAGCCGAAGCCGGTAGAGCAGAGGCTGCC
 CCTGACTGGCGGGAAACGTGTTGCCTTGCCTTCGGGGTCTTGTGCCTGGGGCTGGGTTGCAGGACCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212102 representing NM_017482
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MSEETVPEAASPPPPQGQPYFDRFSEDDPEYMRLNRNADLRQDFNLMEQKKRVMTILQSPSFFREELEGL
 IQEQMKKGNNSSNIWALRQIADFMASHTAVFPTSSMNVSMTPINDLHTADSLNLAKGERLMRCKISSV
 YRLDLGWAQLSDTYVTLRVSKEQDHFLLSPKGVSCSEVTASSLIKVNILGEVVEKGSSCFPVDTTGFC
 LHSIYAARPDVRCIIHLHTPATAAVSAMKWGLLPVSHNALLVGDMAYYDFNGEMEQEADRINLQKCLGP
 TCKILVLRNHGVVALGDTVEEAFYKIFHLQAACEIQVSALSSAGGVENILLEQEKRHPHEVGSVQWAGS
 TFGPMQKSRLGEHEFEALMRMLDNLGYRTGYTYRHPFVQEKTKHKSEVEIPATVTAFFVEEDGAPVPALR
 QHAQKQKEKTRWLNTPNTYL RVNVADEVQRSMGSPRPKTTWMKADEVKSSSGMPIRIENPNQFVPLYT
 DPQEVLEMRNKIREQNRQDVKSAGPQSQLLASVIAEKSRSPVEQRLPLTGGETCLPCLRGLVPAGLQDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017482

ORF Size:	1680 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_017482.1, NP_059516.1</u>
RefSeq Size:	2775 bp
RefSeq ORF:	1680 bp
Locus ID:	119
UniProt ID:	<u>P35612</u>
Cytogenetics:	2p13.3
MW:	62.3 kDa