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Product datasheet for RC209517A1V

Human Adducin 2 (ADD2) (NM_001617) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Adducin 2 (ADD2) (NM_001617) AAV Particle
Tag:	Myc-DDK
Symbol:	ADD2
Synonyms:	ADDB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC209517 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCGAAGAGACGGTCCCCGAGGCTGCCTCGCCGCCGCCCCCGCAGGGGCAGCCTTACTTTGACCGCT
TCTCAGAGGACGACCCCGAGTACATGCGCCTTCGCAACCGGGCGGCGGACCTGCGGCAGGACTTCAACCT
GATGGAGCAGAAGAAGCGCGTCACCATGATCCTGCAGAGTCCCTCTTTCAGGGAGGAGCTGGAAGGCCTC
ATCCAGGAGCAGATGAAGAAGGGGAACAACTCCTCCAACATCTGGGCCCTGCGACAGATCGCGGACTTCA
TGGCCAGCACCTCCCACGCAGTCTTCCCGACATCTTCCATGAATGTCTCCATGATGACGCCTATCAATGA
CCTCCACACAGCTGACTCCCTGAACCTGGCCAAAGGGGAGCGGCTCATGCGGTGCAAGATCAGCAGTGTC
TACCGACTCCTGGACCTCTATGGCTGGGCCCAGCTGAGTGACACCTATGTCACGTTGAGAGTCAGCAAGG
AGCAGGACCACTTCCTGATCAGCCCTAAGGGAGTTTCTTGCAGTGAAGTCACAGCGTCCAGCCTGATCAA
GGTGAACATTCTGGGAGAGGTGGTGGAGAAGGGCAGCAGCTGCTTCCCAGTGGACACCACAGGCTTCTGT
CTGCACTCGGCCATCTATGCAGCGAGGCCCGACGTGCGCTGCATCATCCACCTGCACACACCGGCCACAG
CAGCGGTGTCGGCCATGAAGTGGGGCCTCCTGCCTGTCTCCCACAATGCCCTGCTGGTGGGGGACATGGC
CTATTATGACTTCAATGGGGAAATGGAGCAGGAAGCCGATCGGATCAACCTGCAGAAGTGCCTTGGACCC
ACCTGCAAGATCCTGGTGCTAAGAAACCATGGAGTGGTTGCTCTGGGTGACACGGTAGAGGAGGCATTTT
ACAAGATCTTCCACCTGCAGGCTGCATGTGAGATACAGGTGTCGGCTCTGTCCAGTGCCGGGGGAGTGGA
GAACCTCATCCTCCTGGAGCAGGAGAAGCACCGGCCCCATGAGGTGGGCTCCGTGCAGTGGGCCGGGAGC
ACCTTTGGGCCTATGCAGAAGAGTCGGCTGGGGGAGCATGAGTTTGAGGCCCTCATGAGGATGCTGGACA
ACCTGGGCTACAGAACAGGTTACACGTATCGCCACCCCTTTGTTCAAGAGAAAACCAAACACAAAAGTGA
GGTGGAGATTCCAGCCACGGTCACAGCCTTCGTGTTTGAGGAGGACGGTGCCCCGGTGCCCGCCCTGCGA
CAGCATGCCCAGAAGCAGCAGAAGGAGAAGACCCGCTGGCTCAATACGCCCAACGCCTACCTGCGGGTCA
ATGTGGCCGATGAGGTCCAGAGGAGCATGGGCAGCCCCCGACCCAAGACCACGTGGATGAAGGCTGACGA
GGTGGAGAAATCCAGCAGTGGCATGCCGATTCGCATCGAAAACCCAAACCAATTTGTGCCTCTCTATACT
GACCCCCAGGAAGTACTGGAGATGAGGAACAAGATTCGAGAACAAAACCGACAAGATGTGAAGTCAGCGG
GGCCTCAGTCCCAGCTCCTGGCGAGCGTCATTGCCGAGAAGAGCCGAAGCCCGTCTACAGAGAGCCAGCT
GATGTCCAAGGGAGACGAGGATACCAAAGACGATTCAGAGGAGACGGTGCCCAACCCCTTCAGCCAACTC
ACTGACCAGGAGTTGGAGGAGTACAAGAAAGAGGTGGAGAGGAAGAAACTAGAACTTGATGGAGAGAAAG
AAACTGCCCCAGAAGAGCCTGGCTCACCTGCAAAGTCTGCACCTGCTTCTCCAGTGCAGAGCCCAGCGAA
GGAGGCAGAGACAAAGAGCCCTTTAGTCTCTCCTTCCAAGTCTTTAGAGGAAGGTACTAAGAAGACAGAA
ACAAGCAAAGCCGCCACCACAGAGCCCGAAACAACCCAGCCGGAAGGGGTGGTGGTCAACGGGAGGGAGG
AGGAGCAGACGGCAGAGGAAATCCTCAGCAAAGGCCTGAGCCAGATGACCACCAGTGCTGACACGGATGT
TGATACCTCTAAGGACAAAACCGAGTCGGTCACCAGCGGCCCCATGTCCCCAGAGGGCTCACCTTCCAAG
TCTCCCTCAAAGAAGAAAAAGAAATTCCGAACCCCCTCCTTCCTGAAAAAGAGCAAAAAGAAGGAGAAAG
TGGAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209517 protein sequence
Red=Cloning site Green=Tags(s)

MSEETVPEAASPPPPQGQPYFDRFSEDDPEYMRLRNRAADLRQDFNLMEQKKRVTMILQSPSFREELEGL
IQEQMKKGNNSSNIWALRQIADFMASTSHAVFPTSSMNVSMMTPINDLHTADSLNLAKGERLMRCKISSV
YRLLDLYGWAQLSDTYVTLRVSKEQDHFLISPKGVSCSEVTASSLIKVNILGEVVEKGSSCFPVDTTGFC
LHSAIYAARPDVRCIIHLHTPATAAVSAMKWGLLPVSHNALLVGDMAYYDFNGEMEQEADRINLQKCLGP
TCKILVLRNHGVVALGDTVEEAFYKIFHLQAACEIQVSALSSAGGVENLILLEQEKHRPHEVGSVQWAGS
TFGPMQKSRLGEHEFEALMRMLDNLGYRTGYTYRHPFVQEKTKHKSEVEIPATVTAFVFEEDGAPVPALR
QHAQKQQKEKTRWLNTPNAYLRVNVADEVQRSMGSPRPKTTWMKADEVEKSSSGMPIRIENPNQFVPLYT
DPQEVLEMRNKIREQNRQDVKSAGPQSQLLASVIAEKSRSPSTESQLMSKGDEDTKDDSEETVPNPFSQL
TDQELEEYKKEVERKKLELDGEKETAPEEPGSPAKSAPASPVQSPAKEAETKSPLVSPSKSLEEGTKKTE
TSKAATTEPETTQPEGVVVNGREEEQTAEEILSKGLSQMTTSADTDVDTSKDKTESVTSGPMSPEGSPSK
SPSKKKKKFRTPSFLKKSKKKEKVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001617

ORF Size: 2178 bp

Buffer: PBS with 0.001% Pluronic F6449

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_001617.2

RefSeq Size: 4033 bp

RefSeq ORF: 2181 bp

Locus ID: 119

UniProt ID: P35612

Cytogenetics: 2p13.3

MW: 80.8 kDa