

Product datasheet for **RC210899A1V**

Human Epsin 2 (EPN2) (NM_148921) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Epsin 2 (EPN2) (NM_148921) AAV Particle
Tag:	Myc-DDK
Symbol:	EPN2
Synonyms:	EHB21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210899 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGACGACTTCGTCTATCAGACGGCAGATGAAAAACATCGTGAACAATTACTCAGAGGCAGAAATCAAAG
 TCCGGGAAGCCACCTCCAATGACCCGTGGGGCCCGTCCAGTTCTCTGATGACCGAGATTGCCGACCTGAC
 CTACAACGTGGTGGCCTTCTCGGAGATCATGAGCATGGTGTGGAAGCGGCTGAATGACCATGGCAAGAAC
 TGGCGGCATGTGTACAAGGCGCTGACCTGCTGGACTACCTCATCAAGACAGGCTCCGAACGTGTGGCCC
 AGCAGTGCCGGGAGAACATCTTCGCCATCCAGACCCCTGAAGGACTTCCAGTACATTGACCGAGATGGCAA
 GGACAGGGCATCAATGTGCGTGAGAAGTCAAAGCAACTGGTGGCTCTCCTCAAGGACGAGGAACGGTTG
 AAGGCTGAGAGGGCCAGGCTCTCAAACCAAAGAGCGCATGGCCAGGTTGCCACTGGCATGGGCAGCA
 ACCAGATCACCTTTGGGCGAGGCTCCAGCCAGCCCAACCTCTCCACCAGCCACTCGGAGCAGGAGTATGG
 CAAGGCCGGGGCTCCCGGCCCTCTACCATGGCTCCACCTCCCGCGAGTGTCTCCGAGCTGGAGCAA
 GCGCCGGCCCGAGACTAGTGGAGAAGAGGAGCTTCAGCTGCAGCTGGCACTTGCCATGAGCAGAGAAGTGG
 CTGAGCAGGAAGAAGCGCTCAGGCGGGGTGATGACCTCAGATTACAGATGGCCCTGGAAGAAAGCCGAAG
 GGACACAGTTAAATTTCAAAAAAGAAAGAGCATGGCTCTCTCCACAGCAGACTACGCTGTTGGATTTA
 ATGGATGCTCTCCCGAGCTCGGGCCCCGCGGCCAGAAAGCAGAGCCCTGGGGCCCGTCAGCCTCCACTA
 ACCAGACCAACCCCTGGGGCGGGCCAGCGGCTCCTGCGAGTACTTCAGACCCCTGGCCATCGTTTGGTAC
 CAAGCCAGCTGCCTCCATTGACCCATGGGGGTGCCACTGGAGCCACCGCACAATCTGTCCCAAGAAC
 TCGGACCCCTGGGCAGCTTACAGCAGCCTGCCTCCAGTGTGGGAAAAGAGCTTCTGACGCGTGGGGCG
 CAGTCTCCACCACCAAGCCGTGTCTGTCTCTGGTCTTTGAGCTCTTCAGTAATCTGAATGGTACAAT
 TAAAGATGACTTTTCTGAATTTGACAACCTTCGGACTTCAAAAAAACAGCCGAATCTGTGACCTCTCTG
 CCATCCCAAAACAATGGAATACCAGCCCTGACCCCTTTGAGTCTCAACCCCTGACTGTGCGCTCAAGCA
 AGCCCAGCAGTGCCCGGAAAACACCTGAGTCTTCTGGGCCCCAACGCGGCCCTGGTGAACCTGGACTC
 ACTGGTGACAGGCTGCCCCACAGCCAGTCCCTCAACCCCTTCTGGCACCAGGTGCTCCCGCCACC
 TCGGCCCTGTAAACCTTTCCAGGTGAACAGCCCCAGCCGCTGACACTGAACAGCTTCGGGGGAGCC
 CAGTCTGGGGACAGCACATCTTTGGGCTGGCCAGGAGTGGAGTCCATGGCTGTGGCCTCGATGAC
 CTCCGCGGCCCCACAGCCAGCTCTGGGGCCACTGTTCTCTGACACCACTGGGCCCTGCAATGATG
 AACATGGTGGGAGTGTGGGTATACCCCATCAGCAGCCAGGCCACTGGCACAACCAACCTTTCTCTTC
 TC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210899 protein sequence
 Red=Cloning site Green=Tags(s)

MTTSSIRRMKNIVNNYSEAEIKVREATSNDPWGPSSSLMTEIADLTYNVAFSEIMSMVWKRLNDHGKN
 WRHVYKALTLLDYLIKTSERVAQQCRENIFAIQTLKDFQYIDRDGKDQGINVREKSKQLVALLKDEERL
 KAERAQALKTKERMAQVATGMGSNQITFGRSSQPNLSTSHSEQEYKGAGGSPASYHGSTSPRVSSLEQ
 ARPQTSGEELQLQLALAMSREVAEQEERLRRGDDLRLQMALEESRRDVKIPKKKEHGSPLPQQTLLDL
 MDALPSSGPAAQKAEPWGPSASTNQTNPWGGPAAAPASTSDPWPSFGTKPAASIDPWGVPTGATAQSVPKN
 SDPWASQQPASSAGKRASDAWAVSTTKPVSVSGSFELFNLNGTIKDDFSEFDNLRTSKKTAESVTS
 PSQNNGTSPDPFESQPLTVASSKPSSARKTPESFLGPNAALVNLDLSTVTRPAPPAQSLNPFLAPGAPAT
 SAPVNPFPQVNPQPLTLNQLRGSPLVLTSTSFPGPGVESMAVASMTSAAPQPALGATGSSLTPLGPAMM
 NMVGSVGIPPSAAQATGTTNPFL

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_148921
ORF Size:	1752 bp
Buffer:	PBS with 0.001% Pluronic F6631
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_148921.2, NP_683723.1</u>
RefSeq Size:	4664 bp
RefSeq ORF:	1755 bp
Locus ID:	22905
UniProt ID:	<u>O95208</u>
Cytogenetics:	17p11.2
MW:	62.3 kDa