

Product datasheet for **RC207099A1V**

Human Epsin 1 (EPN1) (NM_013333) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Epsin 1 (EPN1) (NM_013333) AAV Particle
Tag:	Myc-DDK
Symbol:	Epsin 1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207099 representing NM_013333
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGCACCTCGTCCTTGAGGCGCCAGATGAAGAACATCGTCCACAACACTACTCAGAGGCGGAGATCAAGG
 TTCGAGAGGCCACGAGCAATGACCCCTGGGGCCCATCCAGTCCCTCATGTGAGAGATTGCCGACCTCAC
 CTACAACGTTGTGCGCTTCTCGGAGATCATGAGCATGATCTGGAAGCGGCTCAATGACCATGGCAAGAAC
 TGGCGTCACGTTTACAAGGCCATGACGCTGATGGAGTACCTCATCAAGACCGGCTCGGAGCGCGTGTGCG
 AGCAGTGCAAGGAGAACATGTACGCGTGCAGACGCTGAAGGACTTCCAGTACGTGGACCGCGACGGCAA
 GGACCAGGGCGTGAACGTGCGTGAGAAAGCTAAGCAGCTGGTGGCCCTGCTGCGCGACGAGGACCGGCTG
 CGGGAAGAGCGGGCGCACGCGCTCAAGACCAAGGAAAAGCTGGCACAGACCGCCACGGCCTCATCAGCAG
 CTGTGGGCTCAGGCCCCCTCCGAGGCGGAGCAGGCGTGGCCGACAGCAGCGGGGAGGAGGAGCTGCA
 GCTCCAGCTGGCCCTGGCCATGAGCAAGGAGGAGCGCCAGGAGGAGCGGATCCGTCGCGGGGATGAC
 CTGCGGCTGCAGATGGCAATCGAGGAGAGCAAGAGGGAGACTGGGGGCAAGGAGGAGTCTGCCCTCATGG
 ACCTTGCTGACGTCTTACGGCCCCAGTCTGCCCCGACCACAGACCCCTGGGGGGGCCAGCACCCAT
 GGCTGCTGCCGTCCCCACGGCTGCCCCACCTCGGACCCCTGGGGCGGGCCCCCTGTCCCTCCAGCTGCT
 GATCCCTGGGAGGTCCAGCCCCACGCCGGCTCTGGGGACCCCTGGAGGCTGCTGCCCTGCAGGAC
 CCTCAGTTGACCTTGGGGTGGGACCCAGCCCTGCAGCTGGGAGGGGCCACGCCTGATCCATGGGG
 AAGTTCGATGGTGGGGTCCCGGTGAGTGGGCCCTCAGCTCCGATCCCTGGACACCGGGCCCCGGCTTC
 TCAGATCCCTGGGAGGGTCACTGCCAAGCCAGCACCAATGGCACACAGCCGGGGGATTGACACGG
 AGCCCGACGAGTTCTCTGACTTTGACCGACTCCGACGGCACTGCCGACCTCCGGGAGCAGCGCAGGAGA
 GCTGGAGCTGCTGGCAGGAGAGGTGCCGGCCGAAGCCCTGGGGCGTTTGACATGAGTGGGGTCAGGGGA
 TCTCTGGCTGAGGCTGTGGGACGCCCCCACCCTGCAGCCACACCAACTCCACGCCCCCACCAGGAAGA
 CGCCGGAGTCATTCTGGGGCCAATGCAGCCCTCGTCGACCTGGACTCGCTGGTGGAGCGGCGGGGCC
 CACGCCGCTGGAGCCAAGGCCTCAACCCCTTCTGCCAGGCGGAGGCCAGCCACTGGCCCTTCCGTC
 ACCAACCCCTTCCAGCCCGGCCTCCGCGACGCTCACCTGAACCAGCTCCGTCTCAGTCTGTGCTC
 CCGTCCCTGGAGCGCCACCCACGTACATCTCTCCCTTGGCGGGGGCCCTGGCTGCCCCCATGATGCC
 CCCGGGCCCCCGGCCCAACACTAATCCCTTCCTCTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSTSSLRQMKNIVHNYSEAEIKVREATSNDPWGPSSSLMSEIADLTYNVVFSEIMSMIWKRLNDHGKN
 WRHVYKAMTLMEYL IKTGSERVSQCKENMYAVQTLKDFQYVDRDGKDGQVNVREKAKQLVALLRDEDR
 REERAHALKTKEKLAQTATASSAAGSGPPPEAEQAWPQSSGEEELQLQLALAMSKEEADQEERIRRGDD
 LRLQMAIEESKRETGGKEESSLMDLADVFTAPAPPTTDPWGGPAPMAAAVPTAAPTSDPWGGPPVPPAA
 DPWGGPAPTPASGDPWRPAAPAGPSVDPWGGTPAPAAGEGTPDPWGSDDGVPVSGPSASDPWTPAPAF
 SDPWGGSAPKSTNGTTAGGFDTEPDEFSDFDRLRTALPTSGSSAGELELLAGEVPARSPGAFDMSGVRG
 SLAEAVGSPPPAATPTPTPTPTKTPESFLGPNAALVDLSLVRPGTPPGAKASNPFLPGGGPATGPSV
 TNPFQAPPATLTNLQRLSPVPPVPGAPPTYISPLGGGPGPLPMPMPGPPAPNTNPFLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_013333

ORF Size:	1650 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_013333.2</u>
RefSeq Size:	2430 bp
RefSeq ORF:	1653 bp
Locus ID:	29924
UniProt ID:	<u>Q9Y6I3</u>
Cytogenetics:	19q13.42
MW:	57.3 kDa