

Product datasheet for **RC221219A1V**

Human AMBN (NM_016519) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AMBN (NM_016519) AAV Particle
Tag:	Myc-DDK
Symbol:	AMBN
Synonyms:	AI1F
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC221219 representing NM_016519
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGCATCTAAGATTCCACTTTTCAAATGAAGGACCTGATACTGATCCTATGCCTCTGAAATGA
 GTTTTGCAGTGCCGTTCTTCTCAGCAATCTGGAACACCGGTATGGCTAGTTTGGCCTTGAGACAAT
 GAGACAGTTGGGAAGTCTGCAGAGATTAACACACTTTCTCAGTATTCTAGATACGGCTTTGAAATCA
 TTAAATCTTTTGGATGCAGGTCTCTCCACCACATTCTCTCTCCATGGATGAGGCCAAGAGAAC
 ATGAACTCAACAGTATGAATATTCTTGCCTGTGCATCCCCACCTCTCCATCACAGCCATCTTGAA
 GCCTCAACAGCCAGGACTGAAACCTTTCTCCAGTCTGCTGCTGCAACCACCAACCAGGCCACAGCACTG
 AAAGAAGCACTTCAGCTCCAATTCACCTGGGACATCTGCCCTGCAGGAAGGAGAACTGCCTCTGGTTC
 AGCAGCAGGTGGCACCATCAGATAAGCCACCAAGCCTGAGCTCCAGGAGTAGATTTTGTGATCCACA
 AGGTCCATCACTCCCAGGAATGGATTTTCTGATCCACAAGGTCCATCACTCCCAGGATTGGATTTTGT
 GATCCACAAGGTTCAACAATTTTCCAAATAGCCCGTTTGATTTCTCACGGACCAATGCCACAAAATAAAC
 AATCTCCACTTTATCCAGGAATGTTGTACGTGCCTTTTGGAGCAAATCAATTGAATGCCCTGCCAGACT
 TGGCATCATGAGTTTCAAGAAGTGGCAGGCGGGAGAGAAGACCAATGGCCTATGGAGCCATGTTTCCA
 GGATTTGGAGGCATGAGGCCCGGCTTTGAGGAATGCCCCACAACCCAGCTATGGGCGGTGACTTCACTC
 TGGAAATTTGACTCCCCAGTGGCTGCCACCAAGGCCCTGAGAAGCAAGAAGGAGGTGCACAAGGCTCCCC
 TATGCCGGAGGCCAACCCAGACAATCTAGAAAACCCAGCTTTCCTTACAGAGCTAGAACCTGCTCCCCAC
 GCAGGGCTCCTTGCTCTCCCTAAGGATGACATTCCCGGCTGCCAAGGAGCCCTTCAGGAAGATGAAGG
 GACTCCCCAGCGTCACCCAGCAGCTGCTGACCCACTGATGACCCCTGAATTAGCTGATGTTTATAGGAC
 CTACGATGCTGACATGACCACATCCGTGGATTTCCAGGAAGAAGCAACCATGGATACCAGCATGGCCCCA
 AACTCTCTGCAACATCCATGCCAGGAACAAAGCCCAGGAGCCCGAGATGATGCATGACGCATGGCATT
 TCCAAGAGCCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221219 representing NM_016519
 Red=Cloning site Green=Tags(s)

MSASKIPLFKMKDLILILCLLEMSFAVPPFPQQSGTPGMASLSLETMRQLGSLQRLNLSQYSRYGFGKS
 FNSLWMHGLLPPHSSLPWMRPREHETQQYEYSLPVHPPPLPSQPSLKPQQPGLKPFLQSAATTNQATAL
 KEALQPPHILHGLPLQEGELPLVQQVAPSDKPPKPELPGVDFADPQGPSLPGMDFPDPQGPSLPGLDFA
 DPQGSTIFQIARLISHGPMPPQNQSPLYPGMLYVPFGANQLNAPARLGIMSSEEVAGGREDDPMAYGAMFP
 GFGGMRPGFEGMPHNPAMGGDFTFEFDSPVAATKGPENEEGGAQGSPMPEANPDNLENPAFLTELEPAPH
 AGLLLALPKDDIPGLPRSPSGMKMGLPSVTPAAADPLMTPELADVYRTYDADMTTSVDFQEEATMDTTMAP
 NSLQTSMPGNKAQEPENMHDAWHFQEP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_016519

ORF Size:

1341 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_016519.5</u>
RefSeq Size:	2025 bp
RefSeq ORF:	1344 bp
Locus ID:	258
UniProt ID:	<u>Q9NP70</u>
Cytogenetics:	4q13.3
MW:	48.3 kDa