

Product datasheet for **RC200666A1V**

Human AARE (APEH) (NM_001640) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AARE (APEH) (NM_001640) AAV Particle
Tag:	Myc-DDK
Symbol:	APEH
Synonyms:	AARE; ACPH; APH; D3F15S2; D3S48E; DNF15S2; OPH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200666 representing NM_001640
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACGTCAAGTGCTGCTGAGCGAGCCCCAGGAGGCGGCGGCTCTGTATCGGGGCCTTAGCCGCCAGC
 CCGCGCTGAGCGCCGCCCTGCCTGGGCCCGGAGGTCAACACGCAGTACGGCGGCCAATACCGGACGGTGCA
 CACTGAGTGGAACCCAGAGGGACCTGGAACGCATGGAGAACATTCGATTCTGCCGCCAATACCTGGTGTTT
 CATGACGGGGACTCAGTGGTGTTTGCAGGACCTGCAGGCAACAGTGTGGAGACCCGGGGGAACTGCTGA
 GCAGAGAGTCTCCTTCAGGCACCATGAAAGCTGTGCTGCGCAAGGCTGGAGGCACGGGCCCTGGGAAGA
 GAAGCAGTTCTTGAGGCTCTGGGAGAAGAACCGGAAGCTCAAGAGCTTCAACCTGTCAGCGCTGGAGAAA
 CATGGGCTGTTTATGAGGATGACTGCTTTGGCTGCCTGCTGGTGCCTCGGAGACACACTTGTGTG
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 GTGGCACAGTTTTCCACACCCAGCCTACCTCCAACCCTGAAAGTTGGGTTCTGCCTTCTGCAGGGAAGG
 AGCAGTCAGTGTTGTGGGTGTCCTGGAGGAGGCCGAGCCATTCCCGACATCCACTGGGGCATCCGGGT
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 CCTGGCAGCCCTCCAGATAAGACCCAAGTGCCCATGGTGGTATGCCCCACGGGGGGCCCCATTATCCT
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 AAGGATGTCCAGTTTGCAGTGGAACAGGTGCTCCAGGAGGAACACTTTGATGCAAGCCATGTGGCCCTTA
 TGGGTGGTTCCCATGGTGGCTTCATTTCTGCCACTTGATTGGTCAGTACCCAGAGACCTACAGGGCCTG
 CGTGGCCCCGAACCCCGTATCAACATCGCCTCCATGTTGGGCTCCACTGACATCCCTGACTGGTGCGTG
 GTGGAGGCTGGCTTTCCTTTAGCAGTACTGCTGCCAGACCTCAGCGTGTGGGCTGAGATGCTGGACA
 AATCGCCCATCAGATACATCCCTCAGGTGAAGACCACTGTTACTGATGTTGGGCCAGGAGGACCGGCG
 TGTGCCCTTCAAGCAGGGCATGGAGTATTACCGTGCCTCAAGACCCGGAATGTGCTGTTGGCTCCTG
 CTCTATCCAAAAGCACCCACGATTATCAGAGGTGGAGGTGGAGTCAGACAGCTTCATGAATGCTGTGC
 TCTGGCTACGCACACTTGGGCAGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200666 representing NM_001640 Red=Cloning site Green=Tags(s) MERQVLLSEPEEAAALYRGLSRQPALSAACLGPEVTTQYGGQYRTVHTEWTQRDLERMENIRFCRQYLVF HDGDSVVFAGPAGNSVETRGELLSPSPSGTMKAVLRKAGGTGPGEKQFLEVWEKNRKLKSFNLSALEK HGPVYEDDCFGCLSWSHSETHLLYVAEKKRPKAESFFQTKALDVSASDDEIARLKKPDQAIKGDQFVFYE DWGENMVSKSIPVLCVLDVESGNISVLEGVPEENVSPGQAFWAPGDAGVVFVGWWHEPFRLGIRFCTNRRS ALYYVDLIGGKCELLSDDSLAVSSPRLSPDQCRIVYLQYPSLIPHHQCSQLCLYDWYTKVTSVVVDVVP QLGENFSGIYCSLLPLGCWSADSQRVVFDSAQSRQDLFAVDTQVGTVTSLTAGGSGGSWKLLTIDQDLM VAQFSTPSLPPTLKVGFLPSAGKEQSVLWVSLEEAEPIDIHWGIRVLQPPPEQENVQYAGLDFAILLQ PGSPDKTQVPMVMPHGGPHSSFVTAWMLFPAMLCCKMGFAVLLVNYRGSTGFGQDSILSLPGNVGHQDV KDVQFAVEQVLQEEHFDASHVALMGGSHGGFISCHLIGQYPETYRACVARNPVINIASMLGSTDIPDWCV VEAGFPFSSDCLPDLVWAEMLDKSPIRYIPQVKTPLLLMLGQEDRRVPFKQGMYYRALKTRNVPVRL LYPKSTHALSEVEVESDSFMNAVLWLRTHLGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001640
ORF Size:	2196 bp
Buffer:	PBS with 0.001% Pluronic F5095
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_001640.3, NP_001631.3</u>
RefSeq Size:	2775 bp
RefSeq ORF:	2199 bp
Locus ID:	327
UniProt ID:	<u>P13798</u>
Cytogenetics:	3p21.31
MW:	81 kDa