

Product datasheet for **RC211249A1V**

Human Acetylcholinesterase (ACHE) (NM_015831) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Acetylcholinesterase (ACHE) (NM_015831) AAV Particle
Tag:	Myc-DDK
Symbol:	ACHE
Synonyms:	ACEE; ARACHE; N-ACHE; YT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211249 representing NM_015831
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGGCCCCCGCAGTGTCTGCTGCACACGCCCTTCCCTGGCTTCCCCACTCCTTCTCCTCCTCCTTGGC
 TCCTGGGTGGAGGAGTGGGGGCTGAGGGCCGGGAGGATGCAGAGCTGCTGGTGACGGTGCGTGGGGGCCG
 GCTGCGGGGATTTCGCTGAAGACCCCCGGGGCCCTGTCTGCTTTCTGGGCATCCCTTTGCGGAG
 CCACCCATGGGACCCCGTCGCTTTCTGCCACCGGAGCCCAAGCAGCCTTGGTCAGGGGTGGTAGACGCTA
 CAACCTTCCAGAGTGTCTGCTACCAATATGTGGACACCCTATACCCAGGTTTTGAGGGCACCGAGATGTG
 GAACCCCAACCGTGAGCTGAGCGAGGACTGCCTGTACCTCAACGTGTGGACACCATACCCCGGCCCTACA
 TCCCCACCCCTGTCTCGTCTGGATCTATGGGGTGGCTTCTACAGTGGGGCCTCCTCCTTGGACGTGT
 ACGATGGCCGCTTCTTGGTACAGGCCGAGAGGACTGTGCTGGTGTCCATGAACACCGGGTGGGAGCCTT
 TGGCTTCTGGCCCTGCCGGGGAGCCGAGAGGCCCGGGCAATGTGGGTCTCCTGGATCAGAGGTGGCC
 CTGCAGTGGGTGCAGGAGAACGTGGCAGCCTTCGGGGGTGACCCGACATCAGTGACGCTGTTGGGGAGA
 GCGCGGGAGCCGCTCGGTGGGCATGCACCTGTGTCCCCGCCGAGCCGGGGCCTGTTCCACAGGGCCGT
 GCTGCAGAGCGGTGCCCCAATGGACCTGGGCCACGGTGGGCATGGGAGAGGCCCGTCGAGGGCCACG
 CAGCTGGCCACCTTGTGGGCTGTCTCCAGGCGGCACTGGTGGGAATGACACAGAGCTGGTAGCCTGCC
 TTCGGACACGACAGCGCAGGTCTGTTGAACACGAATGGCAGCTGTGCTCAAGAAAGCGTCTTCCG
 GTTCTCCTTCGTGCTGTGGTAGATGGAGACTTCTCAGTGACACCCAGAGGCCCTCATCAACGCGGGA
 GACTTCCACGGCTGCAGGTGCTGGTGGGTGTGGTGAAGGATGAGGGCTCGTATTTCTGGTTTACGGGG
 CCCCAGGCTTCAGCAAAGACAACGAGTCTCTCATCAGCCGGGCCGAGTTCTGGCCGGGTGCGGGTCCG
 GGTTCCCGAGGTAAGTGACCTGGCAGCCGAGGCTGTGGTCTGCATTACACAGACTGGCTGCATCCCGAG
 GACCCGCGACGCTGAGGGAGGCCCTGAGCGATGTGGTGGGCGACCAATGTCGTGTGCCCCGTGGCCC
 AGCTGGCTGGGCGACTGGCTGCCAGGGTGCCCGGTCTACGCCTACGCTTTGAACACCGTGTCTCCAC
 GCTCTCCTGGCCCTGTGGATGGGGGTGCCCGGCTACGAGATCGAGTTCTCTTTGGGATCCCCCTG
 GACCCCTCTCGAACTACACGGCAGAGGAGAAAATCTTCGCCAGCGACTGATGCGATACTGGGCCAACT
 TTGCCCGCACAGGGATCCCAATGAGCCCCGAGACCCCAAGGCCCAATGGCCCCGTACACGGCGGG
 GGCTCAGCAGTACGTTAGTCTGGACCTGCGGCCGCTGGAGGTGCGGCGGGGGCTGCGCGCCAGGCTGC
 GCCTTCTGGAACCGCTTCTCCCAAATTGCTCAGCGCCACCGCTCGGAGGCTCCAGCACCTGCCAG
 GCTTACCCATGGGGAGGCTGCTCCGAGGCCGCGCTCCCCCTGCCCTCCTCCTCTCCACAGCTTCT
 CCTCCTTCTCTCCCACTCCGGCGGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211249 representing NM_015831
 Red=Cloning site Green=Tags(s)

MRPPQCLLHTPSLASPLLLLLLWLLGGGVGAEGREDAELLVTVRGRLRGIRLKTGPGPVSAFLGIPFAE
 PPMGPRRFLPPEPKQPWSGVVDATTFQSVCYQYVDLTPGFEGTEMWNPNNRESEDCLYNVWTPYPRPT
 SPTPVLVWIYGGGFYSGASSLDVYDGRFLVQAERTVLVSMNYRVGAFGLALPGSREAPGNVGLLDQRLA
 LQWVQENVAAGGDPSTVTLFGESAGAAVGMHLLSPPSRGLFHRAVLQSGAPNGPWATVGMGEARRRAT
 QLAHLVGCPGGTGGNDTELVACLRTRPAQVLVNHEWHVLPQESVFRFSFVPVVDGDFLSDTPEALINAG
 DFHGLQVLVGKDEGSYFLVYGAPGFSKDNESLISRAEFLAGVRVGPVQVSDLAEEAVVLHYTDWLHPE
 DPARLREALSDVVDHNVVCPVAQLAGRLAAQGARVYAYVFEHRASTLSWPLWMGVPHGYEIEFIFGIPL
 DPSRNYTAEKIFAQRLMRYWANFARTGDPNEPRDPKAPQWPPYTAGAQYVSLDLRPLEVRRGLRAQAC
 AFWNRFLPKLLSATASEAPSTCPGFTHGEAAPRGLPLLLLLHQLLLFLSHLRRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_015831
ORF Size:	1851 bp
Buffer:	PBS with 0.001% Pluronic F6694
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_015831.2, NP_056646.1</u>
RefSeq Size:	2978 bp
RefSeq ORF:	1854 bp
Locus ID:	43
UniProt ID:	<u>P22303</u>
Cytogenetics:	7q22.1
MW:	67.38 kDa