

Product datasheet for **RC202198A1V**

Human Butyrylcholinesterase (BCHE) (NM_000055) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Butyrylcholinesterase (BCHE) (NM_000055) AAV Particle
Tag:	Myc-DDK
Symbol:	BCHE
Synonyms:	BCHED; CHE1; CHE2; E1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202198 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCATAGCAAAGTCACAATCATATGCATCAGATTTCTCTTTGGTTTCTTTTGCTCTGCATGCTTATTG
 GGAAGTCACATACTGAAGATGACATCATAATTGCAACAAAGAATGGAAGTCAAGGGATGAACCTTGAC
 AGTTTTTGGTGGCAGCGTAACAGCCTTTCTTGAATTCCTATGCACAGCCACCTCTGGTAGACTTCGA
 TTCAAAAGCCACAGTCTCTGACCAAGTGGTCTGATATTTGGAATGCCACAAATATGCAAACTCTTGCT
 GTCAGAACATAGATCAAAGTTTCCAGGCTTCCATGGATCAGAGATGTGGAACCCAAACACTGACCTCAG
 TGAAGACTGTTTATATCTAAATGTATGGATTCCAGCACCTAAACCAAAAAATGCCACTGTATTGATATGG
 ATTTATGGTGGTGGTTTTCAAAGTGAACATCATCTTTACATGTTTATGATGGCAAGTTTCTGGCTCGGG
 TTGAAAGAGTTATTGTAGTGTCAATGAAGTATAGGGTGGGTGCCCTAGGATTCTAGCTTTGCCAGGAAA
 TCCTGAGGCTCCAGGGAACATGGGTTTATTTGATCAACAGTTGGCTCTTCAGTGGGTTCAAAAAATATA
 GCAGCCTTTGGTGGAAATCCTAAAGTGAAGTCTCTTTGGAGAAAGTGCAGGAGCAGCTTCAGTTAGCC
 TGCATTTGCTTTCTCCTGGAAGCCATTATTGTTACACAGAGCCATTCTGCAAGTGGATCCTTTAATGC
 TCCTTGGGCGGTAACATCTCTTTATGAAGCTAGGAACAGAACGTTGAAGTTAGCTAAATGACTGGTTGC
 TCTAGAGAGAATGAGACTGAAATAATCAAGTGTCTTAGAAATAAGATCCCCAAGAAATCTTCTGAATG
 AAGCATTTGTTGTCCCTATGGGACTCCTTTGTGAGTAACTTTGGTCCGACCGTGGATGGTGATTTTCT
 CACTGACATGCCAGACATATTACTTGAAGTGGACAATTTAAAAAACCCAGATTTTGGTGGGTGTTAAT
 AAAGATGAAGGACAGCTTTTTAGTCTATGGTGTCTGGCTTCAGCAAGATAACAATAGTATCATAA
 CTAGAAAAGAATTTCAAGGAAGTTTAAAAATTTTTTCCAGGAGTGAGTGAGTTTGGAAAGGAATCCAT
 CTTTTTTCATTACACAGACTGGGTAGATGATCAGAGACCTGAAACTACCGTGAGGCCTTGGGTGATGTT
 GTTGGGATTATAATTTTATATGCCCTGCCTGGAGTTCACCAAGAAGTTCTCAGAATGGGAAATAATG
 CCTTTTCTACTATTTTGAACACCGATCCTCCAACTTCCGTGGCCAGAATGGATGGGAGTGATGCATGG
 CTATGAAATTGAATTTGTCTTTGGTTTACCTCTGGAAAGAAGAGATAATTACACAAAAGCCGAGGAAAT
 TTGAGTAGATCCATAGTGAACGGTGGGCAATTTTGCAAAATATGGGAATCAAATGAGACTCAGAACA
 ATAGCACAAGCTGGCCTGTCTTCAAAAGCACTGAACAAAAATATCTAACCTTGAATACAGAGTCAACAAG
 AATAATGACGAACTACGTGCTCAACAATGTCGATTCTGGACATCATTTTTTCCAAAAGTCTTGAAATG
 ACAGGAAATATTGATGAAGCAGAATGGGAGTGGAAAGCAGGATCCATCGCTGGAACAATTACATGATGG
 ACTGAAAAATCAATTAACGATTACACTAGCAAGAAAGAAAGTTGTGTGGGTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202198 protein sequence
 Red=Cloning site Green=Tags(s)

MHskvTIICIRFLFWFLLLCMLIGKSHTEDDIIATKNGKVRGMNLTVFGGTVTAFLGIPYAQPPLGRLR
 FKkpQSLTKWSDIWNATKYANSCQNIQSFPGFHGSEMWNPNLTLSEDCLYLNWVWPAPKPKNATVLIW
 IYGGGFQGTSSLHVYDGKFLARVERVIVSMNYRVGALGFLALPGNPEAPGNMGLFDQQLALQWVQKNI
 AAFGGNPKSVTLFGESAGAAVSLLHLLSPGSHSLFTRAILQSGSFNAPWAVTSLYEARNRTLNLAKLTGC
 SRENETEIIKCLRNDPQEILLNEAFVVPYGTPLSVNFGPTVDGDFLTDPDILLELGQFKKTQILVGVN
 KDEGTAFLVYGAPGFSKDNNSIITRKEFQELKIFFPGVSEFGKESILFHYTDWVDDQRPENYREALGDV
 VGDYNFICPALEFTKKFSEWGNNAFFYYFEHRSSKLWPPEWMGMVHGIEIEFVGLPLERRDNYTKAEEI
 LRSIVKRWANFAKYGNPNETQNNSTSWPVFKSTEQKYLTLNTESTRIMTKLRAQQCRWTSFFPKVLEM
 TGNIDEAEWEWKAGFHRWNNYMDWKNQFNQDYSKKESCVGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_000055
ORF Size:	1806 bp
Buffer:	PBS with 0.001% Pluronic F5296
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_000055.1</u>
RefSeq Size:	2461 bp
RefSeq ORF:	1809 bp
Locus ID:	590
UniProt ID:	<u>P06276</u>
Cytogenetics:	3q26.1
MW:	68.4 kDa