

Product datasheet for **RC219054A1V**

Human BACE1 (NM_138973) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BACE1 (NM_138973) AAV Particle
Tag:	Myc-DDK
Symbol:	BACE1
Synonyms:	ASP2; BACE; HSPC104
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219054 representing NM_138973 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCAAGCCCTGCCCTGGCTCCTGCTGTGGATGGGCGCGGGAGTGCTGCCTGCCACGGCACCCAGC
ACGGCATCCGGCTGCCCTGCGCAGCGGCTGGGGGCGCCCCCTGGGGCTGCGGCTGCCCGGGAGAC
CGACGAAGAGCCCGAGGAGCCCGGCCGAGGGGCGAGCTTTGTGGAGATGGTGACAACCTGAGGGGCAAG
TCGGGGCAGGGCTACTACGTGGAGATGACCGTGGGCGAGCCCCCGCAGACGCTCAACATCCTGGTGGATA
CAGGCAGCAGTAACCTTGCAGTGGGTGCTGCCCCCACCCTTCTGCATCGCTACTACCAGAGGCAGCT
GTCCAGCACATACCGGGACCTCCGGAAGGGTGTGTATGTGCCCTACACCCAGGGCAAGTGGAAGGGGAG
CTGGGCACCGACCTGCTTTGTGGTGTGGCTTCCCCCTCAACCAAGTCTGAAGTGTGGCCTCTGTGCGAG
GGAGCATGATCATTGGAGGTATCGACCACTCGCTGTACACAGGCAGTCTCTGGTATACACCCATCCGGCG
GGAGTGGTATTATGAGGTGATCATTGTGCGGTGGAGATCAATGGACAGGATCTGAAAATGGACTGCAAG
GAGTACAATATGACAAGAGCATTGTGGACAGTGGCACCACCAACCTTCGTTTGCCCAAGAAAGTGTG
AAGCTGCAGTCAAATCCATCAAGGCAGCCTCTCCACGGAGAAGTCCCTGATGGTTTCTGGCTAGGAGA
GCAGCTGGTGTGCTGGCAAGCAGGCACCACCCCTTGAACATTTCCAGTCATCTCACTCTACCTAATG
GGTGAAGTTACCAACAGTCCTTCCGCATCACCATCCTCCGCAGCAATACCTGCGGCCAGTGGAAGATG
TGGCCAGTCCCAAGACGACTGTTACAAGTTTGCCATCTCACAGTCATCCACGGGCACTGTTATGGGAGC
TGTTATCATGGAGGGCTTCTACGTTGTCTTTGATCGGGCCGAAAACGAATTGGCTTTGTGTCACGCT
TGCCATGTGCACGATGAGTTCAGGACGGCAGCGGTGGAAGGCCCTTTGTACCTTGGACATGGAAGACT
GTGGCTACAACATTCCACAGACAGATGAGTCAACCTCATGACCATAGCCTATGTGATGGCTGCCATCTG
CGCCCTCTTATGCTGCCACTCTGCCTCATGGTGTGTCAGTGGCGCTGCCTCCGCTGCCTGCGCCAGCAG
CATGATGACTTTGCTGATGACATCTCCCTGCTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC219054 representing NM_138973 Red=Cloning site Green=Tags(s) MAQALPWLLLWMGAGVLPAGHTQHGIRLPLRSLGGAPLGLRLPRETDEEPEEPGRRGSFVEMVDNLRGK SGQGYVEMTVGSPQTLNILLVDTGSSNFAVGAAPHPFLHRYYQRQLSSTYRDLRKGVYVPYTQGWEGE LGTDLGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSLWYTPIRREWYEVIIVRVEINGQDLKMDCK EYNYDKSIVDSGTTNLRPLPKVFEEAAVKSIIKASSTEKFPDGFWLGEQLVCWQAGTTPWNIFPVISLYLM GEVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAISQSSTGTVMGAVIMEGFYVVFDRARKRIGFAVSA CHVHDEFRTAAVEGPFVTLDMEDCGYNIPQTDESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRLRQQ HDDFADDISLLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_138973
ORF Size:	1296 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:	NM_138973.2 , NP_620429.1
RefSeq Size:	5643 bp
RefSeq ORF:	1299 bp
Locus ID:	23621
UniProt ID:	P56817
Cytogenetics:	11q23.3
MW:	43.4 kDa