

Product datasheet for **RC209115A1V**

Human **BACE1 (NM_012104)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BACE1 (NM_012104) AAV Particle
Tag:	Myc-DDK
Symbol:	BACE1
Synonyms:	ASP2; BACE; HSPC104
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209115 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCAAGCCCTGCCCTGGCTCCTGTGTGGATGGGCGCGGGAGTGTGCCTGCCACGGCACCCAGC
 ACGGCATCCGGCTGCCCTGCGCAGCGGCTGGGGGGCGCCCCCTGGGGCTGCGCTGCCCGGGAGAC
 CGACGAAGAGCCCGAGGAGCCCGCGGAGGGGAGCTTTGTGGAGATGGTGACAACCTGAGGGGCAAG
 TCGGGGACGGGCTACTACGTGGAGATGACCGTGGGAGCCCCCGCAGACGCTCAACATCCTGGTGGATA
 CAGGCAGCAGTAACCTTGCAGTGGGTGCTGCCCCCACCCCTTCTGCATCGCTACTACCAGAGGAGCT
 GTCCAGCACATACCGGGACCTCCGGAAGGGTGTGTATGTGCCCTACACCCAGGGCAAGTGGGAAGGGGAG
 CTGGGCACCGACCTGGTAAGCATCCCCATGGCCCAACGTCCTGTGCGTGCCAACATTGCTGCCATCA
 CTGAATCAGACAAGTTCTTCATCAACGGCTCCAACGGGAAGGCATCCTGGGGCTGGCCTATGCTGAGAT
 TGCCAGGCCTGACGACTCCCTGGAGCCTTCTTTGACTCTCTGGTAAAGCAGACCCACGTTCCCAACCTC
 TTCTCCCTGCAGCTTTGTGGTGTGGCTTCCCCCTCAACCAAGTCTGAAGTGTGGCTCTGTGCGAGGGA
 GCATGATCATTGGAGGTATCGACCACTCGCTGTACACAGGCAGTCTCTGGTATACACCCATCCGGCGGGA
 GTGGTATTATGAGGTGATCATTGTGCGGGTGGAGATCAATGGACAGGATCTGAAAATGGACTGCAAGGAG
 TACAATATGACAAGAGCATTGTGGACAGTGGCACCACCAACCTTCGTTTGCCCAAGAAAGTGTTTGAAG
 CTGCAGTCAAATCCATCAAGGCAGCCTCCTCCACGGAGAAGTTCCTGATGGTTTCTGGCTAGGAGAGCA
 GCTGGTGTGCTGGCAAGCAGGCACCACCCCTTGAACATTTTCCAGTCATCTCACTCTACCTAATGGGT
 GAGGTTACCAACAGTCCTTCCGCATCACCATCCTCCGCAGCAATACCTGCGGCCAGTGAAGATGTGG
 CCACGTCCCAAGACGACTGTTACAAGTTTGCCATCTCACAGTCATCCACGGGCACTGTTATGGGAGCTGT
 TATCATGGAGGGCTTCTACGTTGTCTTTGATCGGGCCCGAAAACGAATTGGCTTTGCTGTACGCGCTTGC
 CATGTGCACGATGAGTTCAGGACGCGAGCGGTGGAAGGCCCTTTGTACCTTGACATGGAAGACTGTG
 GCTACAACATTCCACAGACAGATGAGTCAACCCTCATGACCATAGCCTATGTCATGGCTGCCATCTGCGC
 CCTCTTCATGCTGCCACTCTGCCTCATGGTGTGTGAGTGGCGTGCCTCCGCTGCCTGCCAGCAGCAT
 GATGACTTTGCTGATGACATCTCCTGCTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209115 protein sequence
 Red=Cloning site Green=Tags(s)

MAQALPWLLLWMGAGVLPAGHTQHGIPLRLSGLGGAPLGLRLPRETDEEPEEPGRRGSFVEMVDNLRGK
 SGQGYVEMTVGSPQTLNILDVTGSSNFAVGAAPHPFLHRYRQRLSSTYRDLRKGVVYPYTGKWEGE
 LGTDLVSIHPGNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDSSLEPFDFSLVKQTHVPLN
 FSLQLCGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSWYTPIRREWYEVIIIVRVEINGQDLKMDCKE
 YNYDKSIVDSGTTNLRPLPKVFEEAAVKSIIKAASSTEFDPDFWLGEQLVCWQAGTTPWNIFPVISLYLMG
 EVTNQSFRTITLPQQYLRPVEDVATSDDCYKFAISQSSTGTVMGAVIMEGFYVVFDRARKRIGFAVSAC
 HVHDEFRTAAVEGPFVTLDMEDCGYNIPQTDESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRLRQQH
 DDFADDISLLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_012104

ORF Size:

1503 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_012104.3
RefSeq Size:	5864 bp
RefSeq ORF:	1506 bp
Locus ID:	23621
UniProt ID:	P56817
Cytogenetics:	11q23.3
MW:	55.8 kDa