

Product datasheet for **RC206793A1V**

Human ABAT (NM_000663) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABAT (NM_000663) AAV Particle
Tag:	Myc-DDK
Symbol:	ABAT
Synonyms:	GABA-AT; GABAT; NPD009
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206793 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCCATGTTGCTCGCCACGCGCCTGGCCTGCAGCTTCCAGCACAGCTACCGCCTGCTGGTGCCTG
 GATCCAGACACATTAGTCAAGCTGCAGCCAAAGTCGACGTTGAATTTGATTATGATGGGCTCTGATGAA
 GACGGAAGTCCCAGGCTTAGATCTCGGAGTTAATGAAACAGCTGAATAAATTCAGAATGCAGAGGCT
 GTGCATTTTTTCTGCAATTACGAAGAGAGCCGAGGCAATTACCTGGTTGATGTGGACGGCAACCGAATGC
 TGGATCTTTATCCAGATCTCTCTGTCCCATAGGTTACAGCCACCCCGCCTGCTGAAACTCATCCA
 ACAGCCTCAAAATGCGAGCATGTTTGTCAACAGACCCGCCCTCGGAATCTGCCTCCGGAGAACTTTGTG
 GAGAAGCTCCGGCAGTCTTGTCTCGGTGGCTCCAAAGGGATGTCCAGCTCATCACCATGGCCTGCC
 GCTCCTGCTCCAATGAAAACGCCTTAAGACCATCTTCATGTGGTACCGGAGCAAGGAAAGAGGGCAGAG
 GGGCTTCTCCAGGAGGAGCTGGAGACGTGCATGATTAACCAGGCCCTGGCTGCCCGACTACAGCATC
 CTCTCCTTCATGGGCGCTTCCATGGGAGGACCATGGGTGCTTAGCGACCACGCACTCTAAAGCCATTC
 ACAAGATCGACATCCCTTCTTTGACTGGCCATCGCACCGTTCACCGCTGAAATACCTCTGGAAGA
 GTTTGTGAAAGAGAACCAACAGGAGGAGGCCCGCTGTCTGGAAGAGGTGGAGGATCTGATTGTGAAATAT
 CGGAAAAGAAGAAGACGGTGGCCGGGATCATCGTGGAGCCATCCAGTCCGAGGGTGGAGACAACCACG
 CATCCGATGACTTCTTTCGGAAGCTGAGAGACATCGCCAGGAAGCATGGCTGCGCCTTCTTGGTGGACGA
 GGTACAGACCGGAGGAGGCTGCACGGCAAGTCTGGGCCATGAGCACTGGGGCCTGGATGACCAGCA
 GACGTGATGACCTTACGAAGAAAATGATGACTGGGGGCTTCTCCACAAGGAGGAGTTCAGGCCTAATG
 CTCCTACCGGATCTTCAACACCTGGCTGGGGACCCGTCGAAGAACCTGTTGCTGGCTGAGGTCAAC
 CATCATCAAGCGGGAGGACCTGCTAAATAATGCAGCCATGCCGGGAAGGCCCTGCTCACAGGACTGCTG
 GACCTCCAGGCCCGGTACCCCAAGTTCATCAGCAGGGTGAAGGACGAGGCACCTTTTGTCTCTCGATA
 CTCCCGATGATTCCATACGGAATAAGCTCATTTAATTGCCAGAAACAAAGGTGTGGTGTGGTGGCTG
 TGGTGACAAATCCATTCGTTTCCGTCCACGCTGGTCTCAGGGATCACACGCTCACCTGTTCTCAAT
 ATTTTCAGTGACATCTTAGCAGACTTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206793 protein sequence
 Red=Cloning site Green=Tags(s)

MASMLLAQRLACSFQHSYRLLVPGSRHISQAAAKVDVEFDYDGPLMKTEVPGPRSRELMKQLNIIQNAEA
 VHFFCNYEESRGNLVDVDGNRMLDLYSQISSVPIGYSHPLLKLIQQPNASMFVNRPALGILPPENFV
 EKLRQSLLSVAPKGMSQLITMACGSCSNENALKTIFMWYRSKERGQRF SQELETMINQAPGCPDYSI
 LSFMGAFHGRMGCLATTHSKAIHKIDIPSFDPWIAPFPRLKYPLEEFVKENQQEEARCLLEVEDLIVKY
 RKKKKTAVAGIIVEPIQSEGGDNHASDDFFRKLRIARKHGCAFLVDEVQTTGGGCTGKFWAHEHWLDDPA
 DVMTFSKMMTGGFFHKEEFRPNAPYRIFNTWLGDPKLNLLAEVINI IKREDLLNNAHAGKALLTGLL
 DLQARYPQFISRVRGRGTFCSFDTPDSSIRNKLIL IARNKGVVLGGCGDKSIRFRPTLVFRDHHHLFLN
 IFSDILADFK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000663

ORF Size:

1500 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:	<u>NM_000663.3</u>
RefSeq Size:	5586 bp
RefSeq ORF:	1503 bp
Locus ID:	18
UniProt ID:	<u>P80404</u>
Cytogenetics:	16p13.2
MW:	56.5 kDa