

Product datasheet for **RC218980A1V**

Human ABAT (NM_020686) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABAT (NM_020686) 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:**

>RC218980 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCCATTGTTGCTCGCCAGCGCCTGGCCTGCAGCTTCCAGCACAGCTACCGCCTGCTGGTGCCTG
 GATCCAGACACATTAGTCAAGCTGCAGCCAAAGTCGACGTTGAATTTGATTATGATGGGCCTCTGATGAA
 GACGGAAGTCCCAGGGCCTAGATCTCGGAGTTAATGAAACAGCTGAATATAATTGAGATGCAGAGGCT
 GTGCATTTTTCTGCAATTACGAAGAGAGCCGAGGCAATTACCTGGTTGATGTGGACGGCAACGAATGC
 TGGATCTTTATCCCAGATCTCTCTGTCCCCATAGGTTACAGCCACCCGCCCTGCTGAAACTCATCCA
 ACAGCCTCAAAATGCGAGCATGTTTGTCAACAGACCCGCCCTCGGAATCTGCCTCCGGAGAAGTTGTG
 GAGAAGCTCCGGCAGTCTTGTCTCGGTGGCTCCCAAAGGGATGTCCAGCTCATCACCATGGCCTGCG
 GCTCCTGCTCCAATGAAACGCCTTAAGACCATCTTCATGTGGTACCGAGCAAGGAAAGAGGGCAGAG
 GGGCTTCTCCAGGAGGAGCTGGAGACGTGCATGATTAACCAGGCCCTGGCTGCCCGACTACAGCATC
 CTCTCCTTCATGGGCGCTTCCATGGGAGGACCATGGGTTGCTTAGCGACCACGCACTCTAAAGCCATTC
 ACAAGATCGACATCCCTTCTTTGACTGGCCCATCGCACCGTTCCACGGCTGAAATACCTCTGGAAGA
 GTTTGTGAAAGAGAACCAACAGGAGGAGGCCGCTGTCTGGAAGAGGTGGAGGATCTGATTGTGAATAT
 CGGAAAAAGAAGAAGACGGTGGCCGGGATCATCGTGGAGCCCATCCAGTCCGAGGGTGGAGACAACCACG
 CATCCGATGACTTCTTTCGGAAGCTGAGAGACATCGCCAGGAAGCATGGCTGCGCCTTCTTGGTGGACGA
 GGTACAGACCGGAGGAGGCTGCACGGCAAGTTCTGGGCCATGAGCACTGGGGCCTGGATGACCAGCA
 GACGTGATGACCTTCAGCAAGAAAATGATGACTGGGGGCTTCTCCACAAGGAGGAGTTACGGCCTAATG
 CTCCCTACCGGATCTTCAACACCTGGCTGGGGACCCGTCGAAGAAGCTGTTGCTGGCTGAGGTCAATCA
 CATCATCAAGCGGGAGGACCTGCTAAATAATGCAGCCCATGCCGGAAGGCCCTGCTCACAGGACTGCTG
 GACCTCCAGGCCCGGTACCCCAAGTTCATCAGCAGGAGTGGAGGACGAGGCACCTTTTGTCTCTCGATA
 CTCCCGATGATTCCATACGGAATAAGCTCATTTTAATTGCCAGAAACAAAGGTGTGGTGTGGTGGCTG
 TGGTGACAAATCCATTTCGTTCCGTCCACGCTGGTCTCAGGGATCACACGCTCACCTGTTCTCAAT
 ATTTTCAGTGACATCTTAGCAGACTTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218980 protein sequence
 Red=Cloning site Green=Tags(s)

MASMLLAQRLACSFQHSYRLLVPGSRHISQAAAKVDVEFDYDGPLMKTEVPGPRSRRLMKQLNIIQNAEA
 VHFFCNYEESRGNLYVDVDGNRMLDLYSQISSVPIGYSHPLLKLIQQPQNAMFVNRPALGILPPENFV
 EKLRQSLLSVAPKGMSQLITMACGSCSNENALKTIFMWYRSKERGQRFSGEELETMINQAPGCPDYSI
 LSFMGAFHGRMGCLATTHSKAIHKIDIPSFDWPIAPFPRLKYPLEEFVKENQQEEARCLEEVEDLIVKY
 RKKKKTVAGIIVEPIQSEGGDNHASDDFFRKLRIARKHGCAFLVDEVQTGGGCTGKFWAHEHWGLDDPA
 DVMTFSKMMTGFFHKEEFRNPAPYRIFNTWLGDPSKNLLAEVINIIKREDLLNNAHAGKALLTGILL
 DLQARYPQFISRVGRGTFCFSDTPDDSI RNKLIL IARNKGVVLGGCGDKSIRFRPTLVFRDHHHLFLN
 IFSDILADFK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020686

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_020686.3</u>
RefSeq Size:	4814 bp
RefSeq ORF:	1503 bp
Locus ID:	18
UniProt ID:	<u>P80404</u>
Cytogenetics:	16p13.2
MW:	56.5 kDa