

Product datasheet for **RC225860A1V**

Human ABAT (NM_001127448) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABAT (NM_001127448) 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:**

>RC225860 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCCATGTTGCTCGCCAGCGCCTGGCCTCGAGCTTCCAGCACAGCTACCGCCTGCTGGTGCCTG
 GATCCAGACACATTAGTCAAGCTGCAGCCAAAGTCGACGTTGAATTTGATTATGATGGGCCTCTGATGAA
 GACGGAAGTCCCAGGGCCTAGATCTCGGAGTTAATGAAACAGCTGAATATAATTGAGATGCAGAGGCT
 GTGCATTTTTCTGCAATTACGAAGAGAGCCGAGGCAATTACCTGGTTGATGTGGACGGCAACGAATGC
 TGGATCTTTATCCCAGATCTCTCTGTCCCCATAGGTTACAGCCACCCCGCCCTGCTGAAACTCATCCA
 ACAGCCTCAAAATGCGAGCATGTTTGTCAACAGACCCGCCCTCGGAATCTGCCTCCGGAGAAGTTGTG
 GAGAAGCTCCGGCAGTCTTGTCTCGGTGGTCCCAAAGGGATGTCCAGCTCATCACCATGGCCTGCG
 GCTCCTGCTCCAATGAAACGCCTTAAGACCATCTTCATGTGGTACCGAGCAAGGAAAGAGGGCAGAG
 GGGCTTCTCCAGGAGGAGCTGGAGACGTGCATGATTAACAGGCCCTGGCTGCCCGACTACAGCATC
 CTCTCCTTCATGGGCGCTTCCATGGGAGGACCATGGGTTGCTTAGCGACCACGCACTCTAAAGCCATTC
 ACAAGATCGACATCCCTTCTTTGACTGGCCCATCGCACCGTTCCACGGCTGAAATACCTCTGGAAGA
 GTTTGTGAAAGAGAACCAACAGGAGGAGGCCGCTGTCTGGAAGAGGTGGAGGATCTGATTGTGAAATAT
 CGGAAAAAGAAGAAGACGGTGGCCGGGATCATCGTGGAGCCCATCCAGTCCGAGGGTGGAGACAACCACG
 CATCCGATGACTTCTTTCGGAAGCTGAGAGACATCGCCAGGAAGCATGGCTGCGCCTTCTTGGTGGACGA
 GGTACAGACCGGAGGAGGCTGCACGGCAAGTTCTGGGCCATGAGCACTGGGGCCTGGATGACCAGCA
 GACGTGATGACCTTCAGCAAGAAAATGATGACTGGGGGCTTCTCCACAAGGAGGAGTTACGGCCTAATG
 CTCCCTACCGGATCTTCAACACCTGGCTGGGGGACCCGTCGAAGAACCTGTTGCTGGCTGAGGTCAATCA
 CATCATCAAGCGGGAGGACCTGCTAAATATGCAGCCCATGCCGGAAGGCCCTGCTCACAGGACTGCTG
 GACCTCCAGGCCCGGTACCCCAAGTTCATCAGCAGGAGTGGAGGACGAGGCACCTTTGCTCCTTCGATA
 CTCCCGATGATTCCATACGGAATAAGCTCATTTTAATTGCCAGAAACAAAGGTGTGGTGTGGTGGCTG
 TGGTGACAAATCCATTTCGTTCCGTCCACGCTGGTCTCAGGGATCACACGCTCACCTGTTCTCAAT
 ATTTTCAGTGACATCTTAGCAGACTTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225860 protein sequence
 Red=Cloning site Green=Tags(s)

MASMLLAQRLACSFQHSYRLLVPGSRHISQAAKVDVEFDYDGPLMKTEVPGPRSRRLMKQLNIIQNAEA
 VHFFCNYEESRGNLYVDVDGNRMLDLYSQISSVPIGYSHPLLKLIQQPQNAMFVNRPALGILPPENFV
 EKLRSLLSVAPKGMSQLITMACGSCSNENALKTIFMWYRSKERGQRFSGEELETMINQAPGCPDYSI
 LSFMGAFHGRMGCLATTHSKAIHKIDIPSFDWPIAPFPRLKYPLEEFVKENQEEARCLEEVEDLIVKY
 RKKKKTVAGIIVEPIQSEGGDNHASDDFFRKLRIARKHGCAFLVDEVQTGGGCTGKFWAHEHWGLDDPA
 DVMTFSKMMTGFFHKEEFRNPAPYRIFNTWLGDPKNNLLAEVINIIKREDLLNNAHAGKALLTGLL
 DLQARYPQFISRVGRGTFCFSDTPDDSI RNKLILIANRKGVLGGCGDKSIRFRPTLVFRDHHHLFLN
 IFSDILADFK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001127448

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_001127448.1, NP_001120920.1</u>
RefSeq Size:	4908 bp
RefSeq ORF:	1503 bp
Locus ID:	18
UniProt ID:	<u>P80404</u>
Cytogenetics:	16p13.2
MW:	56.5 kDa