

Product datasheet for **MR230333A1V**

Mouse Gba (NM_001077411) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gba (NM_001077411) AAV Particle
Tag:	Myc-DDK
Symbol:	Gba
Synonyms:	betaGC; GBA1; GC; GCase; GLUC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230333 representing NM_001077411
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTGCCAGGCTCATCGGATTCTTCCTATTTTCAGGCGGTATCTTGGGCATATGGTGCCCAACCTGCA
 TCCCCAAAAGCTTTGGCTACAGCTCAGTGGTCTGTGTCTGTAATGCATCGTACTGTGACTCTCTTGACCC
 CGTGACCTTACCGGCTCTGGGTACCTTACGCCGTTACGAGAGCACTCGACGTGGACGTCGGATGGAGCTG
 AGTGTCCGGGGCCATCCAGGCCAATCGCACTGGCACAGGGTTACTACTCACTTTGCAGCCAGAAAAGAAGT
 TCCAGAAAAGTGAAGGATTTGGAGGCGCCATGACAGACGCCACTGCGCTCAACATCCTTGCTTTGCCCC
 ACCTACTCAGAAGCTGCTACTCAGATCTACTTCTCTACCAACGGAATGAATATAACATCATCCGGGTA
 CCCATGGCCAGTTGTGACTTCTCCATCCGTGTCTATACCTATGCTGACACCCCTAACGACTTCCAGTTAT
 CCAACTCAGCCTCCAGAAGAAGACACCAAGCTCAAGATACCCCTGATTCACCAAGCCCTGAAGATGTC
 CTCAGCCCCATTTCACTCTTTGCCAGTCCCTGGACATCACCCACTTGGCTCAAGACCAATGGAAGAGTG
 AATGGGAAGGGTTCGCTCAAGGGTCAGCCAGGGGATATCTTTCACAGACCTGGGCCAATTACTTTGTCA
 AGTTTCTGGATGCTTATGCTAAGTATGGCTAAGATTCTGGGCAGTGACAGCGGAGAATGAACCTACAGC
 AGGGCTTTCACGGGGTACCCCTTCCAGTGCCTGGGCTTCACTCCTGAACACCAGAGAGACTTCAATTTCC
 CGTGACCTAGGGCCAGCCCTTGCCAACAGTTCCCATGATGTGAAGCTACTCATGTAGATGACCAACGCT
 TGCTGTACCCCGCTGGGCAGAGGTGGTGTCTCTGATCCAGAGGCAGCTAAGTACGTTTCATGGCATTGC
 TGTTCACTGGTATATGGATTTCTGGCTCCAGCCAAAGCTACTTTAGGAGAGACACCCGCTTGTCCCC
 AACACAATGCTCTTTGCTTCGGAGGCCGCGTGGGCTCCAAGTCTGGGAACAGAGTGTTCGGTTGGGCT
 CCTGGGATCGAGGGATGCAGTACAGTACAGCATCATTACGAACCTCCTTTACCACGTAAGTGGATGGAC
 GGACTGGAACTTGCCCTGAATCCTGAAGGAGGCCCAACTGGGTCGCAACTTTGTGATAGCCCCATT
 ATTGTGACATCCCCAAAGAGCATTTTACAAACAGCCATGTTCTACCATCTTGGCCACTTCAGCAAGT
 TCATTTCCGAGGGATCCAGAGAGTGGCGTTGGTGGCCAGTGAGAGCACTGACTTGAAAACAGTAGCACT
 GTTACGCCCTGACGGCTCTGCAGTTGTGGTCTGTTAAACCGATCTTCGGAGGATGTCCCTTTACCATC
 AGTGATCTGACCTGGGCTTCTGGAGACCGTGTACCTGGCTACTCCATTACACTTACCTGTGGCGTC
 GCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAARLIGFFLFQAVSWAYGAQPCIPKSFYSSVVCVNASYCDLDPVTLPALGTFSTRYESTRRGRMEL
 SVGAIQANRTGTGLLLTLQPEKKFQKVKGGAMTDATALNILALSPPTQKLLRSYFSTNGIEYNIIRV
 PMASCDFSIRVYTYADTPNDFQLSNFSLPEEDTKLKIPLIHQALKMSSRPISLFAWPWTSPWLKNGR
 NGKGSLLKQPGDIFHQTWANYFVKFLDAYAKYGLRFWAVTAENEPTAGLFTGYPFQCLGFTPEHQDFIS
 RDLGPALANSSHVKKLLMLDDQRLLLPRWAEVVLSDPEAAKYVHGI AVHWYMDFLAPAKATLGETHRLF
 NTMLFASEACVSKFWEQSVRLGSWDRGMQYSHSIITNLLYHVTGWTDWNLALNPEGPNWVRFVDSPI
 IVDIPKDAFYKQPMFYHLGHFSKFIPEGSQRVALVASESTDLETVALLRPDGSAVVVVLNRSSDVP
 LTI SDPDLGFLETVSPGYSIHTYLWRRQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001077411

ORF Size:

1545 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_001077411.2</u> , <u>NP_001070879.1</u>
RefSeq Size:	2069 bp
RefSeq ORF:	1548 bp
Locus ID:	14466
UniProt ID:	<u>P17439</u>
Cytogenetics:	3 39.01 cM
MW:	57.6 kDa