

Product datasheet for **RR205005A1V**

Rat Gba (NM_001127639) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Gba (NM_001127639) AAV Particle
Tag:	Myc-DDK
Symbol:	Gba
Synonyms:	MGC188451
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RR205005 representing NM_001127639
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCCAGGTTTCATAGGACTCTTCCTATTTTCAGGCCATATCTGGGCATATGGTGCCCAACCTGCA
 TCCCCAAAAGTTTGGCTACAGCTCAGTGGTCTGTGTCTGCAATGCAACGTAAGTGTGACTCTTTGACCC
 CCTGACCTTACCGGCTCTGGGTACCTTACGCCGTTATGAGAGTACTCGAAGCGGACGTCGGATGGAGCTG
 AGTACCGGGTCCATCCAGGCCAACCGCACTGGCACAGGGCTCCTACTAACCTTGCAGCCAGAAGAGAAGT
 TCCAGAAAAGTAAAGGATTTGGAGGTGCCATGACAGATGCCACTGCGCTCAACATCCTTGCCTTGTCCCC
 CCCGGCTCAGAACTGCTACTCAAGTCTACTTCTCTAGCGAAGGCATTGAGTATAACATCATCCGGGTA
 CCCATGGCCAGTTGTGACTTCTCCATCCGCATCTACACCTATGCTGACACCCCTAATGACTTCCAGTTAT
 CCAACTCAGCCTCCCGAGGAAGACACCAAGCTCAAGATACCCCTGATTCACCGAGCCCTGAAGATGTC
 CCCACGCCCATTTCACTCTTTGCCAGTCCCTGGACATCACCCACTTGGCTCAAGACCAATGGAGCAGTG
 AATGGGAAAGGGTCACTCAAGGGTCAACCAGGGGATATCTATCAGGAGCCTGGGCCAATTACTTTGTCA
 AGTTTCTGGATGCTTATGCTACACACAACATCAAATTCGGGCAGTGACAGCGGAGAATGAACCTCTGC
 AGGGCTTCACTGGGTACCCCTTCAAATGCCTGGGCTTCACTGCTGAACATCAGAGAGACTTTATTTCC
 CATGATCTAGGGCCAGCCCTTGCCAACAGTTCTCATGATGTGAAGCTACTCATACTGGATGATCAGCGGC
 TGCTGTACCCCGCTGGGCACAGGTGGTCTCTGACCCAGAGGCAGCCAAGTACGTTTCATGGCATCGC
 TGTCCACTGGTATATGGATTTCTGGCTCCAGCCAAAGCTACTTTAGGAGAGACACCCGCTTGTCCCC
 AACATGATGCTCTTTGCTTCAAGGCTCGCTGGGCTCCAAGTCTGGGAGCAGAGTGTTCGGTTAGGCT
 CCTGGGATCGAGGGATGCAGTACAGTACAGCATCATTACGAACCTCCTTTACCACGTAAGTGGATGGAC
 TGACTGGAACCTTGCCCTGAATCCTGAAGGAGGCCCAACTGGGTCCGCAACTTCGTTGATAGCCCCATC
 ATTGTCGACATCCCCAAAGACACATTTTACAAGCAGCCATGTTCTACCATCTTGGCCACTTCAGCAAGT
 TCATCCCTGAGGGATCTCAGCGAGTGGGCTTGGTGGCCAGTGAGAAGACCGACTTGAAAACAGTGGCACT
 GATACGCCCTGATGGCTCTGCAGTTGTGGTCTGTTAAACCGATCGTCTAAGGATGTCCCTTTACCATC
 AGTGATCTGCCCTGGGCTTTCATGGAGACCATCTCACCTGGCTACTCCATTACACTTACCTATGGCGTC
 GCCAGGCCAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAARFIGLFLFQAISWAYGAQPCIPKSFYSSVVCVFNATYCDLSDPLTLPALGTFSTRYESTRSGRRMEL
 STGSIQANRTGTGLLLTLQPEEKFKVKVGGAMTDALNIALSPPAQKLLLSYFSSEIEYNIIRV
 PMASCDFSIRIYTYADTPNDFQLSNFSLPEEDTKLKIPLIHRALKMSRPISLFAWPWTSPTWLKNGAV
 NGKGSCLKGHPGDIYHEAWANYFVKFLDAYATHNIKFWAVTAENEPSAGLFTGYPFQCLGFTAETHQDFIS
 HDLGPALANSSHDKLLILDDQRLLLPRWAQVVLSDPEAAKYVHGIYVHWYMDFLAPAKATLGETHRFLP
 NMMLFASEACVSKFWEQSVRLGSWDRGMQYSHSIITNLLYHVTGWTDWNLALNPEGPNWVRNFVDSPI
 IVDIPKDTFYKQPMFYHLGHFSKFIPEGSQRVGLVASEKTDLETVALIRPDGSAVVVVLNRSSKDVPLTI
 SDPALGFMETISPGYSIHTYLWRRQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Rat

Serotype:

AAV-2

ACCN:

NM_001127639

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_001127639.1, NP_001121111.1</u>
RefSeq Size:	2159 bp
RefSeq ORF:	1548 bp
Locus ID:	684536
Cytogenetics:	2q34
MW:	57.5 kDa