

Product datasheet for **RC230165A1V**

Human GBA (NM_001171812) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GBA (NM_001171812) AAV Particle
Tag:	Myc-DDK
Symbol:	GBA
Synonyms:	GBA1; GCB; GLUC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230165 representing NM_001171812
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGTTTTCAAGTCTTCCAGAGAGGAATGTCCAAGCCTTTGAGTAGGGTAAGCATCATGGCTGGCA
 GCCTCACAGGATTGCTTCTACTTCAGGCAGTGTGCGTGGGCATCAGGTGCCCGCCCTGCATCCCTAAAAG
 CTTCCGGCTACAGCTCGGTGGTGTGTGTCTGCAATGCCACATACTGTGACTCCTTTGACCCCCGACCTTT
 CCTGCCCTTGGTACCTTCAGCCGCTATGAGAGTACACGCAGTGGGCGACGGATGGAGCTGAGTATGGGGC
 CCATCCAGGCTAATCACACGGGCACAGGAATCGGATATAACATCATCCGGGTACCCATGGCCAGCTGTGA
 CTTCTCCATCCGCACCTACACCTATGCAGACACCCCTGATGATTTCCAGTTGCACAACCTCAGCCTCCCA
 GAGGAAGATACCAAGCTCAAGATACCCCTGATTCACCGAGCCCTGCAGTTGGCCAGCGTCCCGTTTAC
 TCCTTGCCAGCCCTGGACATCACCCACTTGGCTCAAGACCAATGGAGCGGTGAATGGGAAGGGTCACT
 CAAGGGACAGCCCGGAGACATCTACCACAGACCTGGGCCAGATACTTTGTGAAGTTCCTGGATGCCTAT
 GCTGAGACAAGTTACAGTTCTGGGCAGTGACAGCTGAAAATGAGCCTTCTGCTGGGCTGTTGAGTGGAT
 ACCCCTTCCAGTGCCTGGGCTCACCCCTGAACATCAGCGAGACTTCATTGCCCGTGACCTAGGTCCCTAC
 CCTCGCCAACAGTACTCACCACAATGTCCGCTACTCATGCTGGATGACCAACGCTTGCTGCTGCCCCAC
 TGGGCAAAGGTGGTACTGACAGACCCAGAAGCAGCTAAATATGTTTCATGGCATTGCTGTACATTGGTACC
 TGGACTTTCTGGCTCCAGCCAAAGCCACCCTAGGGGAGACACCCGCCTGTTCCCAACACCATGCTCTT
 TGCTCAGAGGCTGTGTGGGCTCCAAGTCTGGGAGCAGAGTGTGCGGCTAGGCTCCTGGGATCGAGGG
 ATGCAGTACAGCCACAGCATCATCACGAACCTCCTGTACCATGTGGTGGCTGGACCGACTGGAACCTTG
 CCCTGAACCCCGAAGGAGGACCAATTGGGTGCGTAACCTTGTGACAGTCCCATCATTGTAGACATCAC
 CAAGGACAGCTTTTACAACAGCCCATGTTCTACCACCTTGGCCACTTACGCAAGTTCATTCTGAGGGC
 TCCCAGAGAGTGGGGCTGGTTGCCAGTCAAGAAGCAGCTGGACGCAGTGGCACTGATGCATCCCGATG
 GCTCTGCTGTTGTGGTGTGCTAAACCCTCTCTAAGGATGTGCCTCTTACCATCAAGGATCCTGCTGT
 GGGCTTCTGGAGACAATCTCACCTGGCTACTCCATTCACACCTACCTGTGGCGTCGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230165 representing NM_001171812
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MEFSSPSREECPKPLSRVSI MAGSLTGLLLLQAVSWASGARPCIPKSFYSSVVCVFNATYCDSPDPTF
 PALGTFSTRYESTRSGRMELSMGPIQANHTGTGIGYNIIRVPMASCDIFSIRTYTYADTPDDFQLHNFSLP
 EEDTKLKIPLIHRALQLAQRVSLLASPWTSPWLKTNGAVNGKGLKQPGDIYHQTWARYFVKFLDAY
 AEHLKQFWAVTAENEPSAGLLSGYPFQCLGFTPEHQRFIARDLGPTLANSTHHNVRLMLDDQRLLLPH
 WAKVVLTDPEAAKYVHGI AVHWYLDLFLAPAKATLGETHRLFNPNTMLFASEACVGSKFWEQSVRLGSWDRG
 MQYSHSIITNLLYHVVGWTDWNLALNPEGGPNWVRNFVDSPIIVDITKDTFYKQPMFYHLGHFSKFIP
 EQVGLVASQKNDLDAVALMHPDGS AVVVVLRSSKDVPLTIKDPVGFLETISPYSIHTYLWRRQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001171812

ORF Size:

1461 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_001171812.1</u>
RefSeq ORF:	1464 bp
Locus ID:	2629
UniProt ID:	<u>P04062</u>
Cytogenetics:	1q22
MW:	54.9 kDa