

## Product datasheet for **RC216061A1V**

### Human GBA (NM\_000157) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human GBA (NM_000157) 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:**

>RC216061 representing NM\_000157  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGTTTTCAAGTCTTCCAGAGAGGAATGTCCAAGCCTTTGAGTAGGGTAAGCATCATGGCTGGCA  
 GCCTCACAGGATTGCTTCTACTTCAGGCAGTGTCTGGGCATCAGGTGCCCGCCCTGCATCCCTAAAAG  
 CTTCCGGCTACAGCTCGGTGGTGTGTGTCTGCAATGCCACATACTGTGACTCCTTTGACCCCCGACCTTT  
 CCTGCCCTTGGTACCTTCAGCCGCTATGAGAGTACACGCAGTGGGCGACGGATGGAGCTGAGTATGGGGC  
 CCATCCAGGCTAATCACACGGGCACAGGCTGCTACTGACCCTGCAGCCAGAACAGAAGTCCAGAAAGT  
 GAAGGGATTTGGAGGGGCCATGACAGATGCTGCTGCTCAACATCCTTGCCCTGTACCCCTGCCCAA  
 AATTTGCTACTTAAATCGTACTTCTCTGAAGAAGGAATCGGATATAACATCATCCGGGTACCCATGGCCA  
 GCTGTGACTTCCATCCGCACCTACACCTATGCAGACACCCCTGATGATTTCCAGTTGCACAACCTCAG  
 CCTCCCAGAGGAAGATACCAAGCTCAAGATACCCCTGATTCACCGAGCCCTGCAGTTGGCCAGCGTCCC  
 GTTTCACTCCTTGCCAGCCCCTGGACATCACCCACTTGCTCAAGACCAATGGAGCGGTGAATGGGAAGG  
 GGTCACCAAGGGACAGCCCGGAGACATCTACCACCAGACCTGGGCCAGATACTTTGTGAAGTTCCTGGA  
 TGCTATGCTGAGCACAAGTTACAGTTCCTGGCAGTGACAGCTGAAAAAGAGCCTTCTGCTGGGCTGTTG  
 AGTGGATACCCCTTCCAGTGCCTGGGCTTACCCTGAACATCAGCGAGACTTCATTGCCCGTGACCTAG  
 GTCCTACCCTCGCCAACAGTACTACCACAATGTCGCCTACTCATGCTGGATGACCAACGCTTGTCTGCT  
 GCCCACTGGGCAAAGGTGGTACTGACAGACCCAGAAGCAGCTAAATA GTTTCATGGCATTGCTGTACAT  
 TGCTACCTGGACTTTCTGGCTCCAGCCAAAGCCACCCTAGGGGAGACACACCCCTGTTCCCAACACCA  
 TGCTCTTGGCTCAGAGCCTGTGTGGCTCCAAGTTCTGGGAGCAGAGTGTGGGCTAGGCTCCTGGGA  
 TCGAGGGATGCAGTACAGCCACAGCATCATCAGAACCTCCTGTACCATGTGGTGGCTGGACCGACTGG  
 AACCTTGCCCTGAACCCGAAGGAGGCCAATTGGGTGCGTAACTTTGTGACAGTCCCATCATTGTAG  
 ACATCACCAAGGACACGTTTTACAAACAGCCATGTTCTACCCTTGGCCACTTCAGCAAGTTCATTCC  
 TGAGGGCTCCCAGAGAGTGGGCTGGTTGCCAGT CAGAAGAACGACCTGGACGCAGTGGCACTGATGCAT  
 CCCGATGGCTCTGCTGTTGTGGTCTGCTAAACCGCTCCTCTAAGGATGTGCTCTTACCATCAAGGATC  
 CTGCTGTGGGCTTCTGGAGACAATCTCACCTGGCTACTCCATTACACCTACCTGTGGCGTCCGCCAG

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC216061 representing NM\_000157  
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MEFSSPSREECPKPLSRVSI MAGSLTGLLLLQAVSWASGARPCIPKSFYSSVVCNATYCDSDPPTF  
 PALGTFSTRYESTRSGRMELSMGPIQANHTGTL LLLTLQPEQKFQKVKGFGGAMTDAAALNILALSPPAQ  
 NLLLLKSYFSEEGIGYNIIRVPMASCDFSIRTYTYADTPDDFQLHNFSLPEEDTKLKIPLIHRALQLAQR  
 VSLLASPWTSPWLKNTGAVNGKSLKQPGDIYHQTWARYFVKFLDAYAEHKLQFVAVTAENEPSAGLL  
 SGYPFQCLGFTPEHQDFIARDLGPTLANSTHNVRLMLDDQRLLLPHWAKVVLTDPEAAKYVHGI  
 WYLDLFLAPAKATLGETHRLFPNTMLFASEACVGSKFWESVRLGSWDRGMQYSHSIIITNLLYHV  
 VGTWDWNLALNPEGPNWVRNFVDSPIIVDITKDTFYKQPMFYHLGHFSKFIPEGSQVRVGLVASQKNDLDA  
 VALMH PDGSAVVVVLNRSSKDVPLTIKDPAVGFLETISPYSIHTYLWRRQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_000157

**ORF Size:**

1608 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000157.2</a></u>
<b>RefSeq Size:</b>	2324 bp
<b>RefSeq ORF:</b>	1611 bp
<b>Locus ID:</b>	2629
<b>UniProt ID:</b>	<u><a href="#">P04062</a></u>
<b>Cytogenetics:</b>	1q22
<b>MW:</b>	59.72 kDa