

Product datasheet for **MR210139A1V**

Mouse Gbe1 (NM_028803) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gbe1 (NM_028803) AAV Particle
Tag:	Myc-DDK
Symbol:	Gbe1
Synonyms:	2310045H19Rik; 2810426P10Rik; D16Ertd536e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210139 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGGCGCGCGCGCGGCTCCTGCGGCAGGGGAAACGGGCCCGATGCTCGTCTGGAGCCGCCTTGCCG
 ACGTGCCGGAGCTGGCCCGACTCCTGGAGATTGACCCGTACCTGAAGCCCTTCGCGCGGACTTCCAGCG
 CAGGTATAAGAAGTTTAGCCAGGTTTTGCATGACATTGGAGAGAATGAAGGTGGGATCGATAAGTTCTCC
 AGAGGCTATGAGTCATTTGGCATCCACAGATGTTCTGATGGTGGCATCTACTGCAAAGAATGGGCCCCAG
 GAGCAGAAGGAGTTTTTCTTACTGGAGAATTCAGTGGTTGGAATCCATTTTCTCACCCATATAAAAAGCT
 GGAATACGGAAAATGGGAGCTGTATATCCACCCAAGCAGAACAAATCCCCCTGATACCTCATGGGTCC
 AAGCTGAAGGTAGTTATTACTAGTAAGAGTGGCGAGATACTGTATCGCATTTCCCATGGGCAAAGTATG
 TGGTTCGTGAGAACACAACGTGAAGTATGATTGGATACACTGGGCTCCAGAAGACCCCTATAAATTCAA
 GCATTCAGACCTAAGAAACCAAGAAGCCTAAGAATTTATGAATCTCATGTGGGAATTTCTTCCACGAA
 GGAAAAATAGCTTCTTACAAACATTTTACCAGCAATGTACTACCAAGAATCAAAGACCTTGGGTATAACT
 GCATTCAGTTGATGGCGATCATGGAACATGCTTACTATGCCAGTTTTGGGTACCAAAATCACGAGCTTTTT
 TGCAGCTTCAAGTCGTTATGGAACCTCTGAAGAGCTGAAAGAATTTGTTGACACAGCACATTCGATGGGC
 ATTGTAGTCCTCTAGATGTGGTTCATAGCCATGCTTCAAAAAATTCAGAAGATGGGTAAACATGTTTG
 ATGGGACCGATTCTGTTATTTTCACTCTGGACCCCGAGGGACCCATGATCTTTGGGACAGTAGATTATT
 TATCTATTCCAGCTGGGAAGTTTTAAGATTCCTTCTGTCGAACATAAGATGGTGGTTGGAGGAGTACTGC
 TTTGATGGCTTCCGTTTTGATGGTGTACCTCTATGCTCTATCATCACACGGAATGGGTCAAGGTTTTT
 CGGGTGACTATAATGAATATTTTGGACTACAAGTAGATGAAGATGCTTTGATTTATCTCATGTTGGCAAA
 TCATTTGGCTCACACGTTGTACCCAGACTCGATAACAATAGCAGAGGATGTATCAGGGATGCCGGCTCTC
 GTTCTCCAACCTCCCAGGGAGCGGTGGTTTTGACTACAGATTAGCAATGGCTATTCCAGATAAATGGA
 TCCAATTACTTAAGGAATTTAAAGATGAAGACTGGAATATGGGCAATATAGTGTATACTCTACCAATCG
 ACGCTACCTTGAAAAATGTGTGGCTTATGCAGAGAGTCATGATCAGGCATTGGTTGGTGACAAGACACTG
 GCGTTTTGGTTGATGGACGCTGAGATGTACACGAACATGAGCGTTCTGGCCCTTTCACTCCAGTAATTG
 ATCGAGGAATACAGCTTCATAAGATGATTCGTCTCACTCACGGGCTCGGTGGAGAAGGCTATCTCAA
 TTTTCATGGGTAATGAGTTTGGGCATCCTGAATGGTTGGACTTCCAAGGAAAGGAAATAATGAGAGTTAC
 CATTATGCCAGAAGGCAGTTTAATTTAACCGACGATGACCTTCTTCGCTATAAGTTCTTAAATACTTTG
 ACAGAGATATGAATAGACTGGAAGAAAGATGTGGTTGGCTTTCAGCTCCACAGGCCTACGTGAGTGAAAA
 ACATGAAGCCAATAAGACAATCACCTTTGAGAGAGCAGGACTTCTTTTATTTTCAACTTCCACCCAAGC
 AAGAGCTATACGGACTACCGAGTCGGGACAGCAACACCAGGGAAGTTCAAAATTGTAAGATTCTGACG
 CAGCGGAGTATGGAGGTCATCAGAGACTGGACCACAACCACTACTTTGCTGAGGCTTTTGAACATAA
 TGGGCGCCCTATTCTTCTGTTGTACATTCCAAGCCGAGTGGCTCTCATCTTCAGAAATGTGGATCTG
 CAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210139 protein sequence Red=Cloning site Green=Tags(s) MAAPAAPAAGETGPDARLEAALADVPELARLLEIDPYLKPFAADFQRRYKKFSQVLHDIGENEGGIDKFS RGYESFGIHRCSGGIYCKEWAPGAEGVFLTGEFSGWNPFSHPYKKLEYGWELYIPPKQNKSPILPHGS KLKVVITSKSGEILYRISPWAKYVVRENNVNYDWHWAPEDPYKFKHSRPPKPRSLRIYESHVGISSE GKIASYKHFTSNVLPRIKDLGYNCIQLMAIMEHAYYASFGYQITSFFAASSRYGTPEELKELVDTAHS MGIVVLLDVVHSHASKNSEDGLNMFDTGDSYFHSRGTDLWDSRLFIYSSWEVLRFLLSNIRWWLEEYC FDGFRFDGVTSMLYHHHGMGGFSGDYNEYFGLQVDEDAIYMLANHLAHTLYPDSITIAEDVSGMPAL CSPTSQGGGGFDYRLAMAIPDKWIQLLKEFKDEDWNMGNIYVTLNRRYLEKCVAYAESHDQALVGDKTL AFWLMDAEMYTNMSVLAFTPTVIDRGIQLHKMIRLITHGLGEGYLNFMGNEFGHPEWDFPRKGNESY HYARRQFNLTDLLRYKFLNNFDRDMNRLERCGWLSAPQAYVSEKHEANKTITFERAGLLFIFNFHPS KSYTDYRVGTATPGFKIVLSDAAEYGGHQRLDHNTNYFAEAFEHNGRPYSLLVYIPSRVALILQNVDL QN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_028803
ORF Size:	2106 bp
Buffer:	PBS with 0.001% Pluronic F1237
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_028803.3</u>
RefSeq Size:	2988 bp
RefSeq ORF:	2109 bp
Locus ID:	74185
UniProt ID:	<u>Q9D6Y9</u>
Cytogenetics:	16 40.19 cM
MW:	80.4 kDa