

Product datasheet for **MR208497A1V**

Mouse Gmeb2 (NM_198169) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gmeb2 (NM_198169) AAV Particle
Tag:	Myc-DDK
Symbol:	Gmeb2
Synonyms:	AI839884
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208497 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCAACCCAGATGTGAGCGTCCACATGGAGGAGGTGGTGGTTGTGACAACTCCAGACACTGCAGTTG
 ATGGCAGTGGTGTAGAGGAAGTGAAGACAGTGCTTGTAAACAACGAACCTAGCTCCTCATGGGGTGATTT
 GACAGAAGATAACATGGAACAGAAAATGCAGCAGCTGCAGCTGCTGCTGCTTTTACAGCCTCCTCACAG
 CTCAAGGAAGCCGTGTTAGTGAAGATGGCTGAAGAGGGGAGAACTTAGAGGCTGAAATTTGTGTACCCCA
 TCACCTGCGGAGACAGCAGAGCTAACCTCATTTGGAGGAAGTTTGTGTCCTGGCATCAATGTGAAATG
 TGTTTCAGTATGATGAACATGTGATCAGCCCAAGGAGTTTGTGCACCTGGCAGGAAATCTACCTGAAG
 GATTGGAAGAGAGCCATCCGGATGAATGGCATCATGCTCAGGAAGATCATGGACTCTGGAGAGCTAGACT
 TCTACCAGCATGACAAGGTCTGCTCTAATACTTGCCGAGCAGCAAGATTGACCTTTAGGGGACAGTGT
 ATCCCTGAGCAGTCTACATCCACAGAATACATCCCACTCACACCAGCTGCAGCTGATGTGAATGGCTCA
 CCTGCCACCATCACCATAGAGACCTGTGAGGACCCTGGTACTGGACCACAACCATTTGGAGATGACACAT
 TTGCATTCTGGCGGGGATTAAAGGATGCGGGCTTACTGGATGAAGTCATACAGGAATTTCAACAGGAGCT
 AGAGGAAACCATGAAAGGCCTGCAGCAGCAGTGCAGGACCCACCCCTGCAGCTCCGAGATGCTGTCTCTC
 CTCAACAACATCGTGCAAACTTTGGCATGCTGGATCTGGTGAAGAAGTACTGGCCAGCCACAAGTGTC
 AGATGGATCGTTCCCGGAACAGTATGCACGGGACCTGGCAGCCCTGGAGCAGCAGTGTGATGAACATCG
 CCGCCGTGCCAAGGAGCTGAAGCACAAGTCCAGCACCTCAGCAATGTGCTCATGACGCTGACCCCGGTT
 CCATTGCCATCCCCTATGAAGCGGCCCGCTCTCGCCCGGGCTACATCTGGACCAGCTGCTATGGCTTCCC
 AGGTGCTCACACAGTCTGCACAGATTGCTTTGAGTCCAGGAATGCCTGTGTCCCAGTTGACCAGTGTGCC
 ACTGGGCAAGTAGTATCTACACTGCCCTCCACTGTCTGGGCAAGGGCTCTCCTCAAGCTGCCCCAGCC
 AGTTACCGGCCCTCCCACTGCTCGGAGGCTACACAGTTCTGGCCTCCTCTGGCTCTACCTTCCCAACG
 CAGTCGAGATCCATCCGACACTTCCAGCCTCACAGTTTGTAGCACAGCCGCATGCAGGATGGCAGCAC
 AGTACTGAAGGTAGTCAGCCCTTGCAGCTGCTCACCTGCCTGGCCTGGGACCCACCCTACAGAATGTG
 GCTCAGGCATCACCTGCAGGCAGCACCATTGTGACAATGCCTACAGCAACTGCCACTGGACCTGAGGAGC
 ACACGGCCACTATTGAGGTGGCTGCTGTAGCAGAGGACCATGAGCAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208497 protein sequence
 Red=Cloning site Green=Tags(s)

MATPDVSVHMEVVVVTPDTAVDGSVVEEVKTVLVTTNLAPHGGDLTEDNMETENAAAAAAFTASSQ
 LKEAVLVKMAEEGENLEAEIVYPITCGDSRANLIWRKFVCPGINVKCVQYDEHVISPKFVHLAGKSTLK
 DWKRAIRMNGIMLRKIMDSGELDFYQHDKVCSTCRSTKIDLSGARVSLSSPTSTEYIPLTPAAADVNGS
 PATITITCEDPGDWTTTIGDDTFAFWRLKDAGLLDEVIQEFQEQLEETMKGLQQRVQDPPLQLRDAVL
 LNNIVQNFQMLDLVKKVLASHKQMDRSREQYARDLAALQCCDEHRRRAKELKHKSQHLNVLMTLTPV
 PLPSPMKRPLARATSGPAAMASQVLQSAQIALSPGMPVSQLTSVPLGKVVSTLPSTVLGKGSPQAAPA
 SSPASPLLGGYTVLASSGSTFPNAVEIHPDTSSLTVLSTAAMQDGSTVLKVVSPQLLLTLPGLGPTLQNV
 AQASPAGSTIVTMTATATGPEEHTATIEVAVAEDHEQK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_198169

ORF Size:

1590 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_198169.2</u> , <u>NP_937812.1</u>
RefSeq Size:	4050 bp
RefSeq ORF:	1593 bp
Locus ID:	229004
UniProt ID:	<u>P58929</u>
Cytogenetics:	2 H4
MW:	56.6 kDa