

Product datasheet for **MR210235A1V**

Mouse G2e3 (NM_001015099) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse G2e3 (NM_001015099) AAV Particle
Tag:	Myc-DDK
Symbol:	G2e3
Synonyms:	6030408C04Rik; 9030416F18; AW046379; D930034K21Rik; mKIAA1333
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210235 ORF sequence

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

 TTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGAATGAAAATAAACCTGATAATTCACAAAGTCTTGCTTGTTTCTGCCGAAAAATGATGACTGTC
 CCAATAAATACGGAGAAAAGAAAACATATGAAAAATGGAATTTTGTGTCCACTACTACTGCTTGTTAAT
 GTCAAGTGGAATTTGGCAGAGAGGTAAAGAAGAAGAAGGAGTTTATGGCTTCCTAATAGAAGACATCAGG
 AAGGAAGTCCAGAGAGCCTCCAACTGAAGTGTACAGTTTGCAAGAAGAATGGTGCTTCAATTGGATGTG
 TGGTACCCACGTGTAACGAAGTTATCACTTGCCTTGCGACTTCAGAAAGAATGATTTTCCAGTTTAC
 TGACAATTTTGCCTCATTTTGTGGAACATCGACCCGTTCAAGCAATTACATCTAATAAATATAGTAGT
 TCTTTACCATGTACTATCTGTTTGAATTTGTCGAGCCTATTCCTACTTATAACATACTACAAAGTCCCT
 GTTGTAAGAATGCTTGTTTTCATAGAGACTGTTTACAGGTCCAAGCAATAAATGCAGGAGTGTTTTCTT
 TAGATGTACACTATGCAATAATACAGACATCTTTCAGAAGGAGATGTTGAGAATGGGAATTCATATTCCT
 GAAAAAGATGCATCCTGGGAATTAGAAGAAAACGCGTATCAAGAGCTGCTGCAGAGCCACGACCGCTGTG
 ATATTCGAAGATGTCACTGCAAAAAAGGCCGAGACTACAACGAACCTAACAGCAATGGGAAGTAAAGCG
 GTGTGAGAGTTGTGGTTCTAGTGAACACACTTAGCCTGTTTCTCACTACAGTCTTGGGAACAAAATTGG
 GAGTGTTTGGACTGTAGAAGAATTACCTACACTTCAGATTTCCAAAAGGCCCCCAACACCCATTAGCCA
 ACTCTACTAATGTGACAGTTACTGACTGCTTGTTGGAAGAGTCATCATCTAAGCTCCCCAGACAGTCAAC
 TGTAGCCAGCATAAAGAACTACTGAGGCAAGGCAGCAAAATTTAGGAGAGACATTTCAACAATATTGATA
 GAGTTAGGATTCAAAATTAAGAAAGAACTAAGACATTATACATCAACAAAGCCAATGTGTGGAGGAGTG
 CCTTAGAGCAGTTCAGAGCCAGAAGTTTAAACCTTCATGCTCCATTGACGTAGTGTATGTTAATGGCAA
 TGAGGTTGGAAGCCAGCATCTTGGATCAAAGCAGGAATTTCTGAGTCACCTAATGCACCATCTTGAGAAT
 TCATCAGTGTTTGAAGGGTCCTTGGCAAAGAACTTGCTCTCTAAATTCCTCAAGCTGTGAAAGAGAATCTTT
 ACTATGAAGTTGGCAAAATGCTTGCCATTTCTTTAGTTCATGGTGGTCTTCGCTGTTTCTTTCTGA
 AACCTTGTTTAACTGCCTTGCTTATGGACCAGAAAATACTCTACCAACTTTGGATGATGTATCAGACATT
 GATGTTGCACAGATTATAATCAAGATAGATTCTGCAACTGATTTAAACATTTTAAATTCAGTAATAAGCC
 AACACTATAACTACTTAGAGGTCAGTGGATGTTTAAAGACTTACGACATCATTAAAGTATAAATTCATGTT
 GGTAAAAGACATCCTTTTCTACCATGTAATTAATAGAGTCAAGGCACCTTTTGAAGTTTTAAACAGGGT
 CTGAAAACGCTTGGTGTTTATAGAGAAATTCAACTTACCCAGAAGCATTTTATAAGATCCTATGTCATA
 AACCTGAGAATCTCTCTGCAAAAAACCTCAGTGACCTCTTCACAATTCCTCGGTAGCGGACGTACAGAC
 TTTGAGGTTTTGGAACAGTTACTTAAAGGCTATAGAGGATGGTAAATCTGCAACAACGATGGAAGATATT
 CTTATTTTGAACCTGGCTGTAGTTCTGTCCCACCACTGGATTTAAACCCTCTCTGTGCTGATGATGTC
 TACATGTGGATTTTCTGTTGCAGACAAATATAGAAACCATTTAGTTCTACCAGCCACCAACGCGTATGA
 AGAGTTCCAAGAAAATATGGATTTACCATAAGAGACACTCTAAGATTAGAAAAGGAAGAAGGTCTCAC
 ATACTACCTCGGACATTAATGTTTCTTCTAATGAAGAAATGCTTATT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210235 protein sequence Red=Cloning site Green=Tags(s) MNENKPDNSQSLACVFCRKNDDCPNKYGEKKTIEKWNFSVHYCYLLMSSGIWQRGKEEGVYGFIEDIR KEVQRASKLKCTVCKKNGASIGCVVPTCKRSYHLPCGLQKECIFQFTDNFASFCWKHRPVQAITSNKYSS SLPCTICLEFVEPIPTYNILQSPCKNAWFHRDCLQVQAINAGVFFRCTLNNTDIFQKEMLRMGIHIP EKDASWELEENAYQELLQSHDRCDIRCHCKKGRDYNENPSKWEVKRCQSCGSSGTHLACSSLQSWEQNW ECLDCRRITYTSDFQKAPKHLANSTNVTVDCLLEESSKLPRQSTVAQHKELLRQGSKFRRDISTILI ELGFQIKKKTLYINKANVWRSALQEQSQKFNPSCSIDVVYVNGNEVGSQHLGSKQEFSLHLMHLEN SSVFEGSLAKNLSLNSQAVKENLYYEVGKMLAISLVHGGPSPGFFSETLFCNCLAYGPENTLPTLDDVSDI DVAQIIKIDSATDLNLSVISQHYNYLEVSGCLRLTSLSDKFMLVKDILFYHVINRVKAPFESFKQG LKTGLVLEKIQTYPEAFYKILCHKPENLSAKNLSDLFTIHSVADVQTLRFWNSYLKAIEDGKSATTMEDI LIFATGCSSVPPTGFKPSLSVECLHVDFFVADKYRNHLVLPATNAYEEFQENMDFTIRDTLRLEKEERSH ILPRTLNVSSNEEMI SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001015099
ORF Size:	2148 bp
Buffer:	PBS with 0.001% Pluronic F1328
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_001015099.1, NP_001015099.1</u>
RefSeq Size:	6634 bp
RefSeq ORF:	2151 bp
Locus ID:	217558
UniProt ID:	<u>Q5RJY2</u>
Cytogenetics:	12 B3
MW:	81.8 kDa