

Product datasheet for **MR223648A1V**

Mouse G2e3 (NM_001167964) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse G2e3 (NM_001167964) AAV Particle
Tag:	Myc-DDK
Symbol:	G2e3
Synonyms:	6030408C04Rik; 9030416F18; AW046379; D930034K21Rik; mKIAA1333
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>MR223648 representing NM_001167964
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGAAAATAAACCTGATAATTCACAAAGTCTTGCTTGTTTTCTGCCGAAAAATGATGACTGTC
 CCAATAAATACGAGAGAAAAGAAAACATATGAAAAATGGAATTTTGTGTCCACTACTACTGCTTGTTAAT
 GTCAAGTGGAATTTGGCAGAGAGGTAAAGAAGAAGAAGGAGTTTATGGCTTCCTAATAGAAGACATCAGG
 AAGGAAGTCCAGAGAGCCTCCAACTGAAGTGTACAGTTTGCAAGAAGAATGGTGCTTCAATTGGATGTG
 TGGTACCCACGTGTAACGAAGTTATCACTTGCCTTGCGACTTCAGAAAGAATGATTTTCCAGTTTAC
 TGACAATTTTGCCTCATTTTGTGGAACATCGACCCGTTCAAGCAATTACATCTAATAAATATAGTAGT
 TCTTTACCATGTACTATCTGTTTGAATTTGTCGAGCCTATTCCTACTTATAACATACTACAAAGTCCCT
 GTTGTAAGAATGCTTGTTTCATAGAGACTGTTTACAGGTCCAAGCAATAAATGCAGGAGTGTTCCTTCT
 TAGATGTACACTATGCAATAATACAGACATCTTTCAGAAGGAGATGTTGAGAATGGGAATTCATATTCCT
 GAAAAAGATGCATCCTGGGAATTAGAAGAAAACGCGTATCAAGAGCTGCTGCAGAGCCACGACCGCTGTG
 ATATTCGAAGATGTCACTGCAAAAAAGGCCGAGACTACAACGAACCTAACAGCAATGGGAAGTAAAGCG
 GTGTACAGATTGTGGTTCTAGTGAACACACTTAGCCTGTTTCTCACTACAGTCTTGGGAACAAAATTGG
 GAGTGTGTTGGACTGTAGAAGAATTACCTACACTTCAGATTTCCAAAAGGCCCCCAACACCCATTAGCCA
 ACTCTACTAATGTGACAGTTACTGACTGCTTGTGGAAGAGTCATCATCTAAGCTCCCCAGACAGTCAAC
 TGTAGCCACAGATAAAGAACTACTGAGTTTATTTTATCTGTATTACAGCTGTGAAAGAGAATCTTAC
 TATGAAGTTGGCAAAATGCTTGCCATTTCTTTAGTTTATGTTGCTGCTTCGCTGCTTCTTTCTTGAAA
 CCTTGTTTAACTGCCTTGCTTATGGACCAGAAAACTCTACCAACTTTGGATGATGATCAGACATTGA
 TGTTCACAGATTATAATCAAGATAGATTCTGCAACTGATTTAAACATTTTAAATTTCAGTAATAAGCCAA
 CACTATACTACTTAGAGGTGAGTGGATGTTTAAAGACTTACGACATCATTAAAGTATAAATTCATGTTGG
 TAAAAGACATCCTTTTCTACCATGTAATTAATAGAGTCAAGGCACCTTTTGAAGTGTAAACAGGGTCT
 GAAAACGCTTGTTGTTTATAGAGAAAATCAAACCTACCCAGAAGCATTATTAAGATCCTATGTCATAAA
 CCTGAGAATCTCTGCAAAAAACCTCAGTGACCTCTTCACAATTCCTCGGTAGCGGACGTACAGACTT
 TGAGGTTTTGGAACAGTTACTTAAAGGCTATAGAGGATGGTAAATCTGCAACAACGATGGAAGATATTCT
 TATTTTTCGAAGTGGCTGTAGTTCTGTCCCACTGAGTTTAAACCTCTCTGTCAGTTGAATGTCTA
 CATGTGGATTTTCTGTTGCAGACAAATATAGAAACATTTAGTTCTACAGCCACCAACACGTATGAAG
 AGTTCCAGAAAATATGATTTTACCATAAGAGACACTTAAGATTAGAAAAGGAAGAAAGGTCTCACAT
 ACTACCTCGGACATTAATGTTTCTTCTAATGAAGAAATGCTTATT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223648 representing NM_001167964
 Red=Cloning site Green=Tags(s)

MNENKPDNSQSLACVFCRKNDDCPNKYGEKKTYEKNFVSVHYCLLMSSGIWQRGKEEEGVYGLIEDIR
 KEVQRASKLKCTVCKKNGASIGCVVPTCKRSYHLPCGLQKECIFQFTDNFASFCKWHRPVQAITSNKYSS
 SLPCTICLEFVEPIPTYNILQSPCKNAWFHRDCLQVQAINAGVFFFRCTLCNNTDIFQKEMLRMGIHIP
 EKDASWELEENAYQELLQSHDRCDIRRHCKKGRDYNENPSKWEVKRCQSCGSSGTHLACSSLQSWEQNW
 ECLDCRRITYTSDFQKAPKHLANSTNVTVDCLLESSSKLPRQSTVAQHKELLSLFLSVFTAVKENLY
 YEVGKMLAISLVHGGPSPGFFSETLFNCLAYGPENTLPTLDDVSDIDVAQIIKIDSATDLNLSNVISQ
 HYNYLEVSGCLRLTSLSDKFMLVKDILFYHVINRVKAPFESFKQGLKTLGVLEKIQTPEAFYKILCHK
 PENLSAKNLSDLFTIHSVADVQLRFWNSYLKAIEDGKSATTMEDILIFATGCSSVPPTGFKPSLSVECL
 HVDFPVADKYRNHLVLPATNTYEEFQENMDFITRDLRLEKEERSHILPRTLNVSSNEEMLI

SGPTRTRRL**EQKLISEEDLAANDILDYKDDDDKV**

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_001167964
ORF Size:	1866 bp
Buffer:	PBS with 0.001% Pluronic F3615
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_001167964.1, NP_001161436.1</u>
RefSeq Size:	6352 bp
RefSeq ORF:	1869 bp
Locus ID:	217558
UniProt ID:	<u>Q5RIY2</u>
Cytogenetics:	12 B3
MW:	71.5 kDa