

Product datasheet for **MR207990A1V**

Mouse Gdap2 (NM_010269) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gdap2 (NM_010269) AAV Particle
Tag:	Myc-DDK
Symbol:	Gdap2
Synonyms:	C77050; D3Ertd801e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207990 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

 ATGGATCCCTTGGGTGCACCTTCCAGTTTGTGGATGTGGATACCCTGCTAAGCTGGGGCGACTCGTACG
AAGATGAAGTAGACTGCGCTGACAGTACTGCCGAGGCCTTCCAGGAAGACGCCAGCAGATCACCTTTTGT
TTATAGTCGGGACGTCAATGAAAAGTGGTTCTTTGAAAGGAGATGTGGCATTACTGAAGTGCACAGCC
ATTGTGAATACCAGCAATGAAAGCCTCACAGATAAGAACCCTGTGTGAGAGAGCATCTTCATGCTTGC
GGCCAGATTTGAAGGAGGACCTTCAGAACTCAAAGGTTGCCGAAGTGGTGAAGCAAAATTGACGAAAGG
CTTTAACCTAGCTGCTCGGTTTCATTCACACAGTGGGACCTAAGTACAAGAGCCGCTACCGCACTGCA
GCGGAGAGTTCCTGTACAGCTGTACAGAAACGTGCTTCAGCTGGCAAAAGAACAGTCCATGTCTTCTG
TTGGCTTCTGTGTCATCAATTCTGCCAAGCGAGGTTATCCACTAGAAGATGCAACACACATCGCTCTTCTG
TACTGTGAGGCGGTTCTAGAGATCCATGGGAAAACATTGAAAAAGTAGTATTTGCTGTCTCAGAACTC
GAAGAGGCCACTTACAAAAGCTGCTACCTCTGTACTTCCCAAGGTCATTAAAGGAGGAGATCCGGTCAT
TGCCGTACCTACCTGCAGACATTGGAATGCAGAAGGGGAGCCCGTGGTCCCGAGCGGCAAAATTAGAAT
CAGTGAGAAACCCGGTGCCTCGGAGGACAATGAAGAGGAAGATGAGGATGAAGGCTTGGGAGTGGATCTG
TCTTTTATTGGCTCTCATGCTTTTGTCTCGGATGGAAGGAGATATTGACAAGCAAGAAAGTTGATCCTCC
AGGGACAGTTGTCTGAAGCCGCCCTGCAGAAGCAGCATCAAAGAAATTATAATCGCTGGTTATGCCAAGC
AAGATCTGAAGACCTGTCTGATATTGCTTCTCTGAAAGCTTTATACCAACAGGGGTAGATAACTGTGGC
CGCACAGTGATGGTGGTAGTTGGAAGAAACATTCTGTGACACTGATAGATATGGACAAGGCCCTCTTGT
ATTTTATCCATGTAATGGATCACATTGCTGTGAAGGAGTATGTGCTGGTGTATTTCCACACACTGACCAG
CGACTACAATCACCTGGACTCCGACTTCTGAAAGAACTCTACGATGTGGTTGACATCAAATACAAGAGG
AATTTGAAGGCTGTTTATTTCTGTTTATCCAACATTCCGTTCAAAGGCTCTCAACATGGTTTTTACCACCT
TTTCTGTCTCAGGACTGAAGGACAAGATCCACCACGTAGACAGCCTGCAGCAGCTCTTCTCTGCCATATC
ACCAGAGCAGATAGACTTTCTCCTTTTGTCTTGAATATGACGCGAGGGAAAATGGGCCTTATTTTGA
TCTTATCCTCCATCACCAGATTG

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207990 protein sequence

Red=Cloning site Green=Tags(s)

 MDPLGAPSQFVDVDTLLSWGDSYEDEVDCADSTAEAFQEDASRSPFVYSRDVNGKVVLWKGDVALLNCTA
IVNTSNESLTDKNPVSEIFMLAGPDLKEDLQKLKGCRTGEAKLTGKFNLAARFIHTVGPKYKSRYRTA
AESSLYSCYRNVQLAKEQSMSSVGFCVINSKRGYPLEDATHIALRTVRRFLEIHGENIEKVVFVAVSEL
EEATYQKLLPLYFPRSLKEEIRSLPYLPADIGNAEGEPVPERQIRISEKPGASEDNEEDEDEGLGVDL
SFIGSHAFARMEGDIDKQRKLILQGQLSEAALQKQHQRNRYNRWLCQARSEDLSDIASLKALYQTVGDNCG
RTVMVVVGRNIPVTLIDMDKALLYFIHVMDHIAVKEYVLVYFHTLTSDYNHLDSDLKKLYDVVDIKYKR
NLKAVYFVHPTFRSKVSTWFFTTFSVSLGDKIHHVDSLQQLFSAISPEQIDFPFVLEYDARENGPYFA
SYPPSPDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010269

ORF Size:

1494 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_010269.1</u>
RefSeq Size:	2934 bp
RefSeq ORF:	1497 bp
Locus ID:	14547
UniProt ID:	<u>Q9DBL2</u>
Cytogenetics:	3 F2.2
MW:	56.3 kDa