

Product datasheet for **RC224299A1V**

Human GDAP2 (NM_017686) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GDAP2 (NM_017686) AAV Particle
Tag:	Myc-DDK
Symbol:	GDAP2
Synonyms:	MACROD3; SCAR27
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224299 representing NM_017686
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCCCTTAGGTGCACCTTCCAGTTTGTGGATGTGGATACACTACCAAGCTGGGGTGAATCATGCC
 AAGATGAATTAAATTCCTCTGATACTACAGCTGAAATATTTAGGAAGACACTGTTCGATCACCTTTCT
 TTATAATAAGGACGTCATGGAAGAGTGGTTCTTTGGAAGGAGATGTGGCATTACTGAAGTGTACAGCC
 ATTGTGAATACCAGCAATGAAAGTCTCACAGATAAGAATCCTGTGTGAGAAAGTATCTTCATGCTTCAG
 GGCTGATTTGAAGGAAGATCTCCAGAACTTAAAGGGTCCGAACAGGTGAAGCAAAATTGACAAAAGG
 ATTCAATCTAGCTGCCGGTTCATCATTACACAGTGGGACCTAAATATAAAGCCGCTATCGCACAGCA
 GCTGAGAGTTCCTTTATAGCTGCTACAGAAACGTAATCACTAGCAAAAGAGCAGTCAATGTCTTCTG
 TTGGCTTCTGTGTCATCAATTCTGCAAAACGTGGTTATCCTTTAGAGGATGCAACACACATAGCACTTCG
 CACTGTAAGAAGATTCTAGAGATTCTGGGAAACATTGAAAAAGTAGTATTTGCTGTCTCTGATCTT
 GAAGAGGGTACTTACCAAAAGCTGCTACCTCTCTACTTCCCAAGGTCATTAAGAGGAGAGATCGATCAT
 TGCCCTACCTACCTGCAGATATTGGAATGCAGAAGGGGAGCCTGTGGTACCTGAACGACAGATTAGAAT
 AAGTGAGAAACCTGGTCTCCAGAAGATAACCAAGAAGAGGAGGATGAAGGCTTGGGAGTTGATCTCTCT
 TTCATTGGCTCTCATGCTTTTGTCTGAATGGAAGGAGATATTGACAAGCAAGAAAACTGATCCTTCAGG
 GACAATTATCAGAGGCAGCTCTGAGAAGCAGCATCAAAGAAATTATAATCGCTGGTTATGTCAAGCAAG
 ATCTGAGGATCTGTCTGATATTGCTTCTCTAAAAGCCTTATACCAACAGGTGTTGATACTGTGGTCGG
 ACAGTGATGGTGGTAGTTGGAAGAAACATTCTGTAAACATTAATAGATATGGACAAGGCTCTCTTATATT
 TCATTTCATGTAATGGATCACATTGCTGTGAAGGAGTATGTATTAGTGTATTTTACACCCTGACCAGCGA
 ATACAATCACCTGGACTCCGACTTCTGAAGAACTCTACGATGTTGTTGATGTCAAGTACAAGAGGAAT
 TTGAAGGCTGTTTATTTTGTACATCCCACATTCGTTCAAAGGTGTCAACATGGTTTTTACCACCTTTT
 CTGTCTCAGGACTGAAGGACAAAATCCACCATGTGGACAGCCTCCACCAGCTGTTTTCTGCCATATCACC
 AGAACAGATTGACTTTCCTCTTTTGTCTTGAATATGATGCCAGGGAAAACGGGCTTACTATACATCA
 TATCCCCATCACCAGATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224299 representing NM_017686
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MDPLGAPSQFVDVDTLPSWGDSCQDELNSSDTTAEIFQEDTVRSPFLYNKDVNGKVVLWKGDVALLNCTA
 IVNTSNESLTDKNPVSEIFMLAGPDLKEDLQKLKGCRTGEAKLTGKFNLAARFIHVTGPKYKSRYRTA
 AESSLYSCYRNVQLAKEQSMSSVGFVINSKRGYPLEDATHIALRTVRRFLEIHGETIEKVVFVAVSDL
 EEGTYQKLLPLYFPRSLKEENRSLPYLPADIGNAEGEPVPERQIRISEKPGAPEDNQEEDEGLGVDLS
 FIGSHAFARMEGDIDKQRKLILQGQLSEALQKHQRNRYNRWLCQARSEDLSDIASLKALYQTVGVNCGR
 TVMVVVGRIIPVTLIDMDKALLYFIHVMDHIAVKEYVLYVYFHTLTSEYNHLDSDFLKKLYDVVDVVKYRN
 LKAVYFVHPTFRSKVSTWFFFTFSVSGLKDKIHVDSLHLQFSAISPEQIDFPFVLEYDARENGPYTYS
 YPPSPDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017686

ORF Size:

1491 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_017686.1</u>
RefSeq Size:	2880 bp
RefSeq ORF:	1494 bp
Locus ID:	54834
UniProt ID:	<u>Q9NXN4</u>
Cytogenetics:	1p12
MW:	56 kDa