

Product datasheet for **MR212316A1V**

Mouse Gm5128 (NM_183320) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gm5128 (NM_183320) AAV Particle
Tag:	Myc-DDK
Symbol:	Gm5128
Synonyms:	4930481M05; EG331529
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR212316 representing NM_183320
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGACACCAAGGACCCGCCACACTATTGGATCTTGCTACACAGAGTCTATTGAGTAAATGAGCATG
 CAGCAATCCAAGCCCTGGAGGAGATCCCAAGGGAGCTTTTTGTCCTCTATTCAGTCTGCTCCACGGG
 TAGACACAAGAATATACTGACAGCAATTGTGAAGGCTTGGCCTTTTGCCTGTCTCCACATTGGGGCATT
 AGTGTGCAGGAACCCGAGCGTGAAGTCTGAAAGCCTTGATTGAGAGTCTTCAGTTCCCTCCCTGCCTGA
 ACTCAGCTACTAGGAGCCCTAACTGAGGATCTAGATTTAAGGCAGGATGCTGGCTGCAAGACCGTATG
 TCCTGATATCAGTACTAATTCGACAATTTGCTTTCGTTCTTGCTCACTCTGAGCACTCTATCTTCAA
 ATTGAAGGCCAGGAGAGTCTTCAAGTCCAAGTCTGAAGCTCAGCCCTTAGGCTGCCTATGGAATTGA
 TAGTGGACATTTCCCTTGATGGCACTTTGAGGGAAAGGAATTTTTTGTTCAGATAAAGTAGA
 GCAGAGCCTAGGCTCTGACCTGTGCTGCAGAGATTTGCAAATTAATAACTTGTGTGAATGCAGACAT
 GCATTAAGCCATCTGGATCTGAAATGTGTTGATCACCTTGCAAGTGTAGTCTCCTCTTACTGAAGTCA
 CCAAACCTTTATCTCATACAATACAGCTGGACAGTCTTAGCCTGTCTAAAATCGCTTGTAGATCTTTGAA
 TGGGAGAACCTTTAGAAATTTTATCACCAACTGAGTCGTATGAACACCTGAAGGAGCTCAGCTTGCT
 TCATTCTGCCTCACAGATCATCTTGAAGTGTCTGAGAGTACTATCTGCTGATTTGGAGTTCTTATATC
 TACCGTTCTGTGGACTTTCTTACAGTGAAGTCTCAAGTTCTCTCTGAGTGTCTCAAGTCAAGTCAATTA
 GTTGTGAATGTCAACAACAATCCAATATATTGGGAAGATTGTGAGCCATTTTATTATCTCCTGCAGAAT
 GTTCTAGCACCTTGAGCATCTGAAAATTTGTTATTGCTTTTAAACAGATTCTACAATCTCTGTTCTTA
 TCCAGCCCTAACCCGGTGTCTCAACTCGAGTGTCTCACTTTTATTCAAATCAAATACCATTGGGTAT
 GCTTATGAGAATTTCTGAGCTATTAACACCATTTGAAGGAGCTTAAACATGTGATTTATCCCATCCCTGTC
 CATTGCTATGGGAGGTGGCATTTCAGGCAGTTTAGATAGACAGAAGGTTGAAGATGTGCAGAGACAAT
 TGAACCTAATGCTACAGGAGGCAGAAAGGAGTGATATGAATTGGATCACTTACTCTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR212316 representing NM_183320
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MMDTKDPPTLLDLATQSLLSNEHAAIQALEEIPRELFVPLFTAFTGRHKNILTAIVKAWPFACLHIGAL
 SVQEPERELLKALIESLQFLPALNSATRSPKLRILDLRQDAGCKTVCPDISTNSTICFRSCAHSEHSIFK
 IEGQESLSSSKSEAQPSRLPMELIVDISLDGTLRERNFFALLQNKVEQSLGSLHLCCRDLQINNLCECRH
 ALSHLDLKVDHLAVDESPLTEVTKLLSHTIQDLSLSKSIACRSLNGRTRFNITQLSRMNLKELSL
 SFCLTDHLETVLRVLSADLEFLYLPFCGLSYSDFKFLSECSQVSHLKLNNVNNPIYWEDCEPFYLLQN
 VSSTLQHLKICYCFLTDSTISVLIPALTRCSQLRVLHFYSNQITMGMLMRILELLTPLKELKHVIYPIPV
 HCYGRWHFQGSGLDRQKVEDVQRQLNMLQEAERSDMNWITYSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_183320

ORF Size:

1389 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_183320.3, NP_899143.2</u>
RefSeq Size:	3836 bp
RefSeq ORF:	1392 bp
Locus ID:	331529
Cytogenetics:	X
MW:	52.8 kDa