

Product datasheet for **MR227528A1V**

Mouse Agap1 (NM_001037136) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Agap1 (NM_001037136) AAV Particle
Tag:	Myc-DDK
Symbol:	Agap1
Synonyms:	Centg2; Ggap1; mKIAA1099; R75364
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227528 representing NM_001037136
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTACCAGCAGCAGCTGGCCAACCTCGGCTGCCATCCGGGCCGAGATCCAGCGCTTCGAGTCGGTCC
 ACCCCAACATCTACTCCATCTACGAGCTGCTGGAGCGCGTGGAGGAGCCGGTGCAGAACAGATTCCG
 GGAGCACGTGTCGCCATCGAAGATGCTTCGTGAACAGCCAGGAATGGACACTCAGCCGATCGGTACCG
 GAGCTCAAAGTGGGAATTGTGGGTAACCTGGCCAGTGGCAAGTCTGCGCTGGTGACCCGTACCTGACAG
 GCACGTACGTGCAGGAGGAATCTCCAGAAGGTGGCAGGTTCAAGAAGGAGATTGTTGTTGATGGACAGAG
 TTATCTGCTGCTGATTAGGGATGAAGGGGGCCCCCGGAGGCACAGTTCGCCATGTGGGTGGACGCGGTC
 ATCTTTGTCTTCAGCTTGGAGGATGAGATCAGTTTCAGACTGTCTACCATTACTACAGCCGAATGGCCA
 ACTACAGGAACACCAGTGAGATCCCATTAGTGTGGTGGGGACCCAGGATGCCATAAGTTCACCAACCC
 GAGGGTCATCGATGACGTGAGGCTCGAAGCTCTCCAATGACCTGAAGAGGTGCACGTACTATGAGACG
 TGCGCCACCTATGGGCTCAACGTGGAGCGGGTCTTCAGGACGTTGCCAGAAGATCGTTGCCACAAGGA
 AGAAGCAGCAGCTATCCATAGGCCCCTGCAAGTCTTACCCAACCTCTCCAAGCCACTCGTCTGTGTGTTT
 TGCCCAAGTGTCCGCGGTACACATCAGCCAGACAAGTAACGGAGGTGGGAGTTTAAGTGACTACTCATCC
 TCTGTTCTTCGACCCCAAGCACCAGCCAGAAAGAGCTTCGGATCGACGTCCCTCCCACTGCCAACACTC
 CAACGCTGTCCGGAAGCAGTCCAAGCGCAGGTCCAACCTATTCACATCTAGGAAAGGGAGCGACCCAGA
 CAAAGAGAAGAAAGGCTGGAGAGCCGTGCGGACAGCATCGGGAGCGGGCGAGCCATCCCAATTAACAG
 GGCATGCTGCTGAAGCGAAGTGGCAAGTCACTGAACAAAGAGTGGAAAAAGTACGTACCCCTGTGCG
 ACAACGGTGTGCTGACCTACCACCCAGTTTACATGATTACATGCAGAATGTCCACGGCAAAGAGATAGA
 CCTCTTGAGGACCACTGTGAAGGTGCCGGGAAGAGGGCCGCCCGAGCCACGTCTGCCTGTGCACCGATC
 TCCAGTCCCAAAACCAACGCGCTGGCCAAGGACATGAGCAGTTTACACATCTACCAAATTCAGACACGG
 GGCTGGGTGACTCGGTGTGTTCCAGCCCAAGTATCTCCAGCAGCACCAGCCCAAGCTCGACCCACCCCC
 CTCCCCCAGCCCAACAGAAAGAACCCGAGGAAGAAAGTACCAGCAACTTCAAGGCTGACGGGCTC
 TCAGGCACTGCTGAAGAGCAAGAAGAAACTTGGAGTTTATCATTGTGTCCTCACTGGCCAGACGTGGC
 ACTTTGAAGCCACCACATACGAGGAGCGAGACGCATGGGTCCAAGCCATCGAGAGCCAGATCCTCGCCAG
 CCTGCAGTCGTGCGAGAGCAGCAAGAATAAGTCCCGACTAACCAGCCAGAGCGAAGCCATGGCCCTGCAG
 TCCATCCGTAACATGAGAGGGAACCTCGCACTGCGTGGACTGTGACACCCAAAACCCTAAGTGGCCAGTT
 TGAACCTGGGAGCCCTCATGTGTATCGAGTGTGCGGGATCCACCGGAATCTCGGCACCCACCTCTCTCG
 GGTCAGATCGCTAGACCTGGACGACTGGCCATGGAGTGATCAAGGTGATGTCATCCATCGGGAATGAG
 CTGGCCAAACAGCGTGTGGGAAGAGGGCAGCCAGGACGGAAGCCCTCACTGGACTCCACCAGGGAAG
 AAAAGGAAAGGTGGATCCGGGCCAAGTATGAGCAGAACTCTTCTGGCCCCACTGCCATGCACAGAGTT
 CTCCCTGGGCCAGCAGCTGCTGCGTGCCACTGCCGAGGAAGACCTGCGGACTGTCATCCTACTTCTGGCA
 CATGGGTCCCGGACGAGGTGAATGAGACCTGTGGGAAGGAGACGGTCGCACGGCGCTGCACCTGGCCT
 GTCGAAGGGCAACGTGGTCTGGCTCAGCTGCTGATCTGGTACGGAGTGGACGTCATGGCCGAGACGC
 CCACGGGAACACAGCACTGGCCTATGCCCGGCAGGCCTCCAGCCAGGAGTGATTGACGTGCTTCTACAG
 TATGGCTGCCCCGACGAGCGCTTGTGCTCATGGCTACCCCTAACCTGTCCAGGAAGAGCAACAGCAGGA
 ACAACAGTAGCGGGAGGGCGCCCACTGTCATC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR227528 representing NM_001037136 Red=Cloning site Green=Tags(s) MNYQQQLANSAAIRAEIQRFEVHPNIYSIYELLERVEEPVLQNQIREHVIAIEDAFVNSQEWTLRSVP ELKVGIVGNLASGKSALVHRYLTGTYVQEESPEGGRFKKEIVVDGQSYLLLRDEGGPPEAQFAMWVDAV IFVFSLEDEISFQTVYHYYSRMANYRNTSEIPLVLVGTQDAISSTNPRVIDDVRARKLSNDLKRCTYYET CATYGLNVERVFQDVAQKIVATRKQQLSIGPCKSLPNSPSHSSVCSAQVSAVHISQTSNGGGSLSDYSS SVPSTPSTSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDDPKKEKKGLESRADSIGSGRAIPIKQ GMLLKRSKSLNKEWKKKYVTLCDNGVLTYPHSLHDYMQNVHGKEIDLRTTVKVPVKRPPRATSACAPI SSPKTNGLAKDMSSLHISPNSDTGLGDSVCSSPSISSSTSPKLDPPPSPHANRKKHRRKKSTSNFKADGL SGTAAEQEENLEFIIVSLTGQTHWEATTYEERDAWVQAIESQILASLQSCSSKNKSRLTSQSEAMALQ SIRNMRGNSHCDCDTQNPWASNLGALMCIECSGIHRNLGTHLSRVSLDLDWPMELIKVMSSIGNE LANSVWEEGSQGRTPSLDSTREEKERWIRAKYEQKFLAPLPCTEFLGQQLLRATAEEDLRTVILLLA HGSRDEVNETCGEGDGRTHLACRKGNVVLAQLLIWYGVDVMARDAHGNTALAYARQASSQECIDVLLQ YGCPDERFVLMATPNLSRKSNSRNSSGRAPSVI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001037136
ORF Size:	2412 bp
Buffer:	PBS with 0.001% Pluronic F4289
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_001037136.1</u> , <u>NP_001032213.1</u>
RefSeq Size:	9422 bp
RefSeq ORF:	2415 bp
Locus ID:	347722
UniProt ID:	<u>Q8BXK8</u>
Cytogenetics:	1 D
MW:	89.5 kDa