

Product datasheet for **MR215778A1V**

Mouse Amigo2 (NM_001164563) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Amigo2 (NM_001164563) AAV Particle
Tag:	Myc-DDK
Symbol:	Amigo2
Synonyms:	AI415330; Ali1; AMIGO-2; AW208913
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR215778 representing NM_001164563
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCGTTAAGGTTCCACACACTGCCACCCTGCCTAGAGCTGTCAAACCGGGTTGCAGAGAGCTGCTGT
 GTCTGTTGGTGATCGCAGTGATGGTGAGCCCCAGCGCCTCAGGAATGTGCCCACTGCTTGCATCTGTGC
 CACCGACATTGTCAGCTGCACCAACAAAAACCTATCTAAGGTGCCGGGAACCTTTTCAGACTGATTA
 AGACTGGATCTGAGCTATAACAGAATCGGACTGTTGGATGCCGACTGGATCCCGGTGTCGTTTGTCAAGC
 TGAGCACCTTAATTCTTCGCCACAACAACATCACCAGCATCTCCACGGGAGTTTCTCCACAACCCCAAA
 TTTAAAGTGTCTGGACTTATCATCCAATAGGCTGAAGTCGTAAGAGTGCACATTCCAAGAGCTGAAG
 GCTCTGGAAGTACTGCTGTACAACAACCACATTTCTATCTGGACCCCGCAGCGTTCGGGGGCTTT
 CCCACTGCAGAACTCTATCTGAGTGGAACTTTCTCACACAGTTCCCTATGGATTTGTATACTGGGAG
 GTTCAAGCTGGCTGATCTGACATTTTTAGATGTTTCTATAATCGAATCCCTTCCATACCGATGCACCAT
 AATAACTTAGTGCCGGGAGACAGCTGAGAGGCATCTACCTTACCGGGAACCCATTTGTATGTGACTGTT
 CTCTGACTCGTTGCTGATCTTTTGGTACCGTAGGCACCTTAGCTCCGTGATGGATTTAAGAATGACTA
 TACCTGTGCGCTGTGGTCTGACTCCAGGCACTCCACCAGCTGCAGCTGCTCCAGGAGAGCTTTCTGAAC
 TGTTCTTACACGCTTATCAACGGCTCCTTCCACGCACTTGGCTTTATCCACGAGGCTCAGGTTGGGGAGA
 GGGCGATCGTCCACTGTGACAGCAAGACTGGCAATGGAATACTGATTTTCATCTGGTTCGGTCCCGATAA
 CAGGCTGCTGGAGCCAGATAAAGACATGGGAACTTTCTGTGTGTTTACAACGGAAGTCTGGTATAGAG
 AACCTGGCTTTGAGGACGCCGGGTATATTCTGTATCGCAATGAACAGGCAGCGGCTGTTAAACGAGA
 CGGTGGATATCATGATCAACGTGAGCAATTTCCACATAAACAGATCCCACGCCACGAGGCGTTAAAC
 GGCTTTACCACCTGGCTGCCTGCGTGGCAGTATAGTTCTAGTGCTACTGTATCTGTACCTGACGCCG
 TGCCCATGCAAAATGCAAAGCCAAGACAGAAAAACACGCTGAGCCAAAGCAGTGCCCACTCGTCCATTC
 TCAGTCTGGCCCACTGGCGATGCCTCTGCTGACGATCGGAAGGCAGGTAAGAGTCTGTTTCTGGA
 GCCCTGAAGGACACGGCGCCGGACAGAAATGGCAAAGTCAAGCTTTTCCCAGTGAGACCGTTATAGCC
 GAGGGCATCTTAAAGTCCACCAGGGCAAAGTCTGACTCAGACTCAGTCAATCCGTGTTCTCAGACACAC
 CCTTTGTGGCATCCACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence:

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MSLRFHTLPTLPRAVKPGCRELLCLLVIAVMVSPSASGMCPACICATDIVSCTNKNLSKVPGNLFRLLIK
 RLDLSYNRIGLLDADWIPVSVFKLSTLILRHNNITSIISTGSFSTPNLKCLDLSSNRLKSVKSATFQELK
 ALEVLLLYNNHISYLDPAAFGGLSHLQKLYLSGNFLTQFPMDLYTGRFKLADLTFLDVSYNRIPSIPMHH
 INLVPGRQLRGIYLGHPFVDCSLYSLLIFWYRRHFSVYDFKNDYTCRLWSDSRHSHQLQLLQESFLN
 CSYSVINGSFHALGFIHEAQVGERAIVHCDSTKNGNTDFIWVGPDRNLEPKDMGNFRVYNGSLVIE
 NPGFEDAGVYSCIAMNRQRLNETVDIMINVSNFTINRSHAHEAFNTAFTTLAACVASIVLVLLYLYLTP
 CPCKCKAKRQKNTLSQSSAHSSILSPGPTGDASADDRKAGKRVVLEPLKDTAAGQNGKVKLFPSETVIA
 EGILKSTRAKSDSDSVNSVFSDFPFVAST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001164563

ORF Size:

1557 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_001164563.1</u> , <u>NP_001158035.1</u>
RefSeq Size:	2871 bp
RefSeq ORF:	1560 bp
Locus ID:	105827
UniProt ID:	<u>Q80ZD9</u>
Cytogenetics:	15 F1
MW:	57.6 kDa