

Product datasheet for **MR209313A1V**

Mouse Arid3a (NM_007880) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Arid3a (NM_007880) AAV Particle
Tag:	Myc-DDK
Symbol:	Arid3a
Synonyms:	Bright; Dri1; Drill1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209313 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAAGCTGCAGGCTGTGATGGAGACTCTCATTAGAGGCAGCAGCGTGCCCGCAGGAAGTGGAGGCTC
 GGCAGGCTCCACCACCCACCACCTGAGCCCACTGGAGTCCGGGCACGACCACCATGACAGATGAGGA
 CAGGGAGCCTGAGAATGCCCGGATGCATAGGACTCAGATGGCCCACTGGCTGCCATGCGAGCTGCTGCT
 GCCGGCTTGGGACATCCGTCTCTCCCGGGGGCTCTGAGGATGGGCTCCCATCTCTGGGGATGAAGACA
 CAGCCCGGGAAGGACTCTGAGTTCACCTGCCCTGCATGGAAGTGTCTGGAGGGAGCAGGACACGCTGA
 GGGAGATAGGCATTTGATGGACGTGGGCTCTGATGATGATGACACGAAGTCCAAGTGGGAAGAGCAAGAG
 CTGAAGAAGTGGGGAGGAGGAAGAGGAGGAGGAAGAGGAAGATGACTTTGAAGAAGAGGAGGAGGAAG
 AAGAAGCCTGGGCCCCCAGAGTCTGCCAGCCTGGGCACTGCAGGCCTGTTACCCGCAAGGCCCGCC
 CGCCAGGCTTTCCGTGGAGACGGTGGTCCCAGGATGCTGAGTGGCCCTGAGCGTCTGGGACCTGCCCCA
 GCCCACCCAGTCATATGGCATCCCAGATGCCACCACCGACCATGGGGACTGGACCTTTGAGGAGCAGT
 TCAAACAGCTCTATGAAGTGGATGCGGACCCCAAGAGGAAGAGTTTCTGGATGACCTTTTCAGTTCAT
 GCAGAAGCGGGCACTCCAGTGAACCGGATCCCCATCATGGCGAAGCAGGTCTCGACCTGTTTATGTTG
 TATGTGCTGGTGACCGAGAAGGGCGGCCTGGTAGAGTTATCAACAAGAACTGTGGAGGGAGATACCA
 AGGGGCTCAACCTGCCTACCTCCATCACCAGTGTGCTTCACTTCGACACAGTACATGAAGTATCT
 TTACCCCTATGAGTGTGAGAGGGCAGGCCTGAGCAGCCCAACGAGCTCCAGGCCCATAGACAGCAAT
 CGCAGGGAGGGCAGGCCAGAGCTTCGGTGGCTCACTCTTGCCTACTACCCAGTGGAGCCCACAGCA
 TGCTGCCCTCACCAAGTACCGGTGACTCCCTGGGCTCGCTGCCAGCAATGGCAGTTCATCAC
 CCCAGCGCCCAAGATCAAGAAAGACTCGGCCATCCCCATCACAGTCCCAGGCCGCTACCTGTATCTTTG
 GCAGGCCACCCTGTTGTGCGAGCCAGGCTGCGCGGTGCAAGTGCAGGCCCAAGCAGCCGTTGCGG
 CCCAGGCAGCCGCCCTGGAGCAACTCCGGGAGAAGCTGGAATCCACAGAGCCTCCAGAAAAGAAGATGGC
 CCTAGTGGCCGATGAGCAACAGCGACTCATGCAGCGAGCTGTGCAGCAGAGCTTCTGGCCATGACAGCC
 CAGCTGCCCATGAACATCCGCATCAACAGCCAAGCCTCTGAGAGCCGCCAGGACTCAGCCGTGAGTCTCA
 CCAGTGCCAACGGGAGCAACAGTATTAGCATGTCCGTGGAGATGAATGGTATTGTATACAGGTGTGTT
 GTTCGCTCAGCCACCCTCTACAGCACCTTCCGCCCCGGCAAAGGGGGCGTCAGCAGCATCGGTACC
 AACACCACCACGGGCAGCCGGACAGGAGCCAGTGGCAGCACTGTACGCGCGGCCAGGTGGGGCTGCCGG
 GGGTGTCTACCCACCATGTCTTCTACCTCAAACAACCTTGCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209313 protein sequence
 Red=Cloning site Green=Tags(s)

MKLQAVMETLIQRQRRARQELARQAPPPPPPEPTGVRARTTMTDEDREPENARMHRTQMAALAAMRAAA
 AGLGHPSSPGGSEDGPPISGDEDTAREGLTSSPALHGSVLEGAGHAEGDRHLMVGSDDDDTKSKWEEQE
 LEELGEEEEEEEEEDDFEEEEEEEEGLGPESASLGTAGLFTRKAPPAQAFRGDGGPRLSGPERLGP
 AHPSHMASQMPDPDHDWTFEEQFKQLYELDADPKRKEFLDDLFSFMQKRGTVPVNRIPIMAKQVLDL
 FMLYVLVTEKGGLEVEINKKLWREITKGLNLPTSITSAAFTLRTQYMKLYPYECERRGLSSPNELQAAIDSN
 RREGRRQSFGGSLFAYSPSGAHSMLPSPKLPVTPLGLAASSTNGSSITPAPKIKKDSAIPITVPGRLPVSL
 AGHPVVAAQAAAVQAAAAQAAVAQAAALEQLREKLESTEPPEKKMALVADEQQRLMQRAVQQSFLAMTA
 QLPMNIRINSQASESRQDSAVSLTSANGSNSISMSVEMNGIVYTGVLFAQPPPTAPSAPGKGGVSSIGT
 NTTTGSRTGASGSTVSGGQVGLPGVSTPTMSSTSNNSLP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_007880
ORF Size:	1797 bp
Buffer:	PBS with 0.001% Pluronic F426
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_007880.2, NP_031906.1</u>
RefSeq Size:	5361 bp
RefSeq ORF:	1806 bp
Locus ID:	13496
UniProt ID:	<u>Q62431</u>
Cytogenetics:	10 C1
MW:	63.9 kDa