

Product datasheet for **MR210469A1V**

Mouse Aoc1 (NM_029638) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Aoc1 (NM_029638) AAV Particle
Tag:	Myc-DDK
Symbol:	Aoc1
Synonyms:	1600012D06Rik; Abp1; DAO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210469 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAGTCTGGCCTTCGGCTGGGCAGCTGTCATATTACTTCTACAGACGGCAGACACACCATCTGCTGTGA
 CGACTCCTCATGACAAAGCAAGGATATTTGCAGACCTGAGCCCCAGGAGATAAAGGCTGTGCACAGCTT
 CCTGATGAGCAGAAAGGAGCTGGGGCTGGAGTCATCCAAGAATCTGACTTTGGCCAAGAAGTCCGTGTTT
 CTCATTGAGATGCTACTGCCAAAAAGAAGAATGTGCTGAAATTTTGGATGAAGGAAGAAAAAGTCCTG
 TCCGGGAAGCCAGGGCCATCATCTTCTCGGTGCCAGGATCACCCCAATGCTACTGAGTTTGCTGTGGG
 GCCCCTGCCACGGCCCTGCTATGTTCAAGCACTGTCCCCAGGCCAGGGCACCATCTGCTCTGGTCATCA
 AGACCCATCTCCACAGCGGAGTATGACCTCCTCTACCACATGCTGAACAGAGCCATCACGCTCTGCACC
 AGTTTTTCTTGACACTACTGGCTTCTCATTCTAGGCTGCGATGACCGGTTCTTGACTTTTACGGATGT
 AGCGCCGCGTGGTGTGGAGTCTGGTCAGCGTAGAAGCTGGCTTATCGTCAGCGCTATGTGAAGGCTAC
 TTCCTGCATCCCACAGGGCTGGAGATCCTTGTAGATCATAGCAGCACAGATGTCCAGGACTGGAGAGTGG
 AACAGCTCTGGTATAACGGCAAGTTCTACAACAGCCCAGAGGAAGTGGCTCAGAAATACGCAGTTGGAGA
 AGTGGAGGCAGTGGTTCTGGAGGAAGTGGTTCTCGAGGACCCACTGCCGGGTGCCACAGAGCAGCCACCA
 CTCTTCTCTTCTACAAGCCCCGGGGGAATTCACACGCCAGTCACTGTTGCAGGCCCCACGTTGTCC
 AGCCCACTGGCCCCAGATATAAGCTAGAGGGCAACGTTGTGCTCTACGGAGACTGGAGCTTCTCTTACCG
 GCTAAGATCCTCTTCTGGGCTGCAGATCTTAAATGTAATCTTTGGAGGTGAGCGTGTGCTATGAGGTC
 AGCGTGCAGGAGGCTGTGGCACTATATGGAGGACACACCTGCAGGCATGCAGACTAAGTATATTGATG
 TTGGTTGGGGCTGGCAGTGTCACTCACGAGCTGGCCCTGGTATTGACTGTCCAGAGACCGCTACTTT
 CCTGGATGCTTTCCACTATTATGACAGCGATGGCCCTGTCCTTTATCCACGCGCTCTGTGCCTCTTTGAG
 ATGCCCACAGGGGTACCCCTTAGGCGCCACTTTGACTCAAACCTTAAAGGTGGCTTCAACTTCTATGCGG
 GTTTGAAAGGATATGTGCTGGTGTACGGACGACATCGACAGTCTATAATTATGACTATATCTGGGATTT
 CATCTTCTACCTAATGGTGTGATGGAGACCAAGATGCATGCCACTGGATATGTCCACGCAACCTTCTAC
 ACCCTGAGGGACTGCGCATGGCACTCGTTACAAACCCACCTGCTTGGCAACATCCACACCCACCTGG
 TGCATACCGTGTGACCTGGACGTGGCAGGCACCAAGAAGAGCTTCCGGACACTGAAGACAAAGCTGGA
 AAACATACCAATCCCTGGAGCCCAAGTCACTCCCTAGTCCAGCCACACTTGAGCAGACCCAGTACTCC
 CACGAGCACCAGGCTGCATTCCGCTTTGGACAGACTCTGCCCAAGTACCTGCTTTAGCAGCCCCAAA
 AGAACCCTTGGGGCCACAGGCGGAGTACCGCCTGCAGATCCACTCTATGGCTGAGCAGGTGCTACCACC
 AGGTTGGCAGGAGGAGCGGGCTGTCACTTGGGCCAGGTATCCCTTGGCTGTGACAAAGTATCGGGAATCT
 GAACGCTACAGCAGCAGCCTCTACAACCAGAATGACCCCTGGGATCCCCCTGTGGTTTTTGAGGAGTTCC
 TTCGGAACAACGAGAATATTGAAATGAGGATCTGGTGGCCTGGGTGACAGTAGGCTTCTGCACATCCC
 TCACTCAGAGGATGTCCCAACACAGCCACACCTGGAAATTGTGTGGCTTCTTGATCCGGCCATTCAAC
 TTCTTCGAGGAGGATCCATCCCTGGCATCTAGAGACACTGTGATAGTGTGGCCCCAGGACAACGGTCTCA
 ACCATGTTACGCGCTGGATCCCTGAGAACAGGGACTGCTTGGTGTCTCCTCTTTAGCTACAATGGGAC
 CTACAAGCCTGTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210469 protein sequence Red=Cloning site Green=Tags(s) MSLAFGWAAVILLQLQTADTPSAVTTPHDKARIFADLSPQEIKAVHSFLMSRKELGLESSKNLTLAKNSVFLIEMLLPKKKNVLKFLDEGRKSPVREARAIIFGAQDHPNVTEFAVGPLPRPCYVQALSPRPGHLSWSSRPISTAEDLLYHMLNRAITPLHQFFLDTTGFSFLGCDDRFLTFDVAAPRGVESGQRRSWLIVQRYVEGYFLHPTGLEILVDHSSTDVQDWRVEQLWYNGKFYNSPEELAQKYAVGEVEAVVLEEVLDPGATEQPPLFSSYKPRGEFHTPVTVAGPHVVQPSGPRYKLEGNVVL YGDWSFSYRLRSSGLQIFNVLFGGERVAYEVSQVEAVALYGGHTPAGMQTKYIDVGWGLGSVTHELAPGIDCPETATFLDAFHYYDSGDPVLYPRALCLFEMPTGVPLRRHFDNFKGGFNFYAGLKGYVLVLRRTTSTVYNDYIWDFFIFYPNGVMETKMHATGYVHATFYTPEGLRHGTRLQTHLLGNIHTHLVHYRVDLDVAGTKNSFRTLKTKLENITNPWSPSHSLVQPTLEQTQYSHEHQAARFQGTLPKYLLFSSPQKNRWGHRSSYRLQIHSMAEQVLPPGWQEERAVTWARYPLAVTKYRESERYSSSLYNQNDPWPDPVVFEEFLRNNENIENEDLVAWVTVGFLHIPHSEDVPNTATPGNCVGFLIRPFNFEEEDPSLASRDTVIVWPQDNLNHHVQRWIPENRDCLVSPPF SYNGTYKPV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_029638
ORF Size:	2253 bp
Buffer:	PBS with 0.001% Pluronic F1556
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_029638.1, NP_083914.1</u>
RefSeq Size:	2673 bp
RefSeq ORF:	2271 bp
Locus ID:	76507
Cytogenetics:	6 23.78 cM
MW:	85.4 kDa