

Product datasheet for **RC204163A1V**

Human ABP1 (AOC1) (NM_001091) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABP1 (AOC1) (NM_001091) AAV Particle
Tag:	Myc-DDK
Symbol:	AOC1
Synonyms:	ABP; ABP1; DAO; DAO1; KAO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204163 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGCCGGCCCTGGGCTGGGCCGTGGCTGCCATCCTGATGCTGCAGACGGCCATGGCGGAGCCCTCCCCGG
GGACTCTGCCCAGGAAGGCAGGGGTGTTTTAGACCTAAGCAACCAAGAGCTGAAGGCAGTGCACAGCTT
CCTCTGGTCCAAGAAGGAGCTGAGGCTGCAGCCCTCCAGTACCAACCACCATGGCCAAGAACACCGTGTTT
CTCATCGAGATGCTGCTGCCAAGAAGTACCATGTGCTGAGGTTTCTGGATAAAGGTGAAAGGCATCCTG
TGCGGGAAGCCCGTGCCGTATCTTCTTTGGTGACCAGGAGCATCCCAATGTACCGAGTTTGCTGTGGG
GCCCCCTGCCAGGGCCCTGCTACATGCGAGCACTGTCCCCAGGCTGGGTACCACTCTCCTGGGCATCG
AGGCCCATCTCCACAGCAGAGTATGCCCTCCTTACCACACCCTGCAGGAAGCCCAAGCCCTGCATC
AGTTCTTCTCAATACCACAGGCTTCTCATTCCAAGACTGCCATGACAGATGCCTGGCCTTACCGATGT
GGCCCCCGGGGTGTGGCTTCTGGCCAGCGCCGAGTTGGCTTATCATACAGCGCTATGTAGAAGGCTAC
TTTCTGCACCCCACTGGGCTGGAGCTCCTCGTGGATCATGGGAGCACAGATGCTGGGCACTGGGCGGTGG
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CCTGGACACTTTCCACTACTATGATGCCGATGACCCGGTCCATTATCCCCGAGCCCTCTGCCTCTTTGAA
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TGGGAGCGCCAGGCGGCTTCCGCTTAAAAGGAAGCTGCCCAAGTACCTGCTTTTACCAGCCCCAGG
AGAACCCCTGGGGCCACAAGCGCAGTACCGCTGCAGATCCACTCCATGGCCGACCAAGGTGCTGCCCC
AGGCTGGCAGGAGGAGCAGGCCATCACCTGGGCAAGGTACCCCTGGCAGTGACCAAGTACCGGGAGTCA
GAGCTGTGCAGCAGCAGCATCTACCACCAGAACGACCCCTGGGACCCGCGCTGGTCTTTGAGCAGTTTC
TTCACAACAACGAGAATTGAAAAAGAGGACCTGGTGGCTGGGTGACGGTGGGCTTCTGTCACATCCC
CCTCAGAGGACATCCCAACACAGCCACCTGGGAACCTCCGTGGGCTTCTGCTCCGGCCATTCAAC
TTCTTCCAGAGGACCCCTCCCTGGCATCCAGAGCACTGTGATCGTGTGGCTCGGGACAACGGCCCCA
ACTACGTCCAGCGCTGGATCCCTGAGGACAGGGACTGCTCGATGCCTCCCCCTTTAGCTACAATGGGAC
CTATAGACCTGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204163 protein sequence Red=Cloning site Green=Tags(s) MPALGWAAAILMLQTAMAEPSPGTLPRKAGVFSDSL NQELKAVHSFLWSKKELRLQPSSTTTMAKNTVF LIEMLLPKKYHVLRF LDKGERHPVREARAVIFFGDQEHPNVTEFAVGPLPGPCYMRALSPRPGYQSSWAS RPISTA EYALLYHTLQEATKPLHQFFLNTTGFSFQDCHDRCLAFTDVAPRGVASGQRRSWLIIQRYVEGY FLHPTGLELLVDHGSTDAGHWAVEQVWYNGKFYGSPEELARKYADGEVDVVVLEDPLPGGKGHDSTEEPP LFS SHKPRGDFPSPIHVSGPRLVQPHGPRFRLEGNVLYGGWSFAFRLRSSSGLQVLNVHFGGERIAYEV SVQEAVALYGGHTPAGMQTKYLDVGWGLGSVTHE LAPGIDCPETATFLDTFHYYDADDPVHYPRALCLFE MPTGVPLRRHFNSNFKGGFNFYAGLKGQVLVLR TTSTVYNYDIWDFIFYPNGVMEAKMHATGYVHATFY TPEGLRHGTRLH THLIGNIHTHLVHYRVDLDVAGTKNSFQTLQMKLENITNPWSPRHRVVQPTLEQTQYS WERQA AFRFRKRLPKYLLFTSPQENPWGHKRSYRLQIHS MADQVLPPGWQEEQAITWARYPLAVTKYRES ELCS SSIYHQNDPWPDPVVF EQFLHNNENIENEDLVAWVTVGFLHIPHSEDIPNTATPGNSVGFLLRPFN FFPEDPSLASRDTVIVPRDNGPNYVQRWIPEDRDCSMPPPF SYNGTYRPV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001091
ORF Size:	2253 bp
Buffer:	PBS with 0.001% Pluronic F5529
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_001091.2</u>
RefSeq Size:	2446 bp
RefSeq ORF:	2256 bp
Locus ID:	26
UniProt ID:	<u>P19801</u>
Cytogenetics:	7q36.1
MW:	85.3 kDa