

Product datasheet for **RC222991A1V**

Human AOC2 (NM_009590) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AOC2 (NM_009590) AAV Particle
Tag:	Myc-DDK
Symbol:	AOC2
Synonyms:	DAO2; RAO; SSAO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222991 representing NM_009590
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATCTCAAGATAGTCTGGCGTTCCTGGCACTGTCCCTCATTACCATCTTTGCCCTGGCCTATGTTT
 TGCTGACCAGCCAGGTGGTTCCAGCCAGCCTCCCACTGCCCTCTGTATCCCATAGGGCCAGCCCTG
 GCCACACCCTGGCCAGAGCCAGCTGTTTGCAGACCTGAGCCGAGAGGAGTTGACAGCTGTGATGCGCTTT
 CTGACCAGCGGCTGGGGCCAGGGCTGGTGACGACGCCAGGCTCAGCCCTCGGACAACTGCATCTTCT
 CAGTGGAGCTGCAGCTGCCCCCAAGGCTGCAGCCCTGGCCACCTGGACAGGGGAGCCCCCACTGC
 CCGGGAGGCACTGGCCATCGTCTCTTTGGTGACAACCCCAACCAATGTGAGTGAGCTGGTGGTGGG
 CCGCTGCCTCACCCCTCGTACATGCGGGATGTGACTGTGGAGCGTCACGGCGGGCCCTGCCCTATCACC
 GTGCCCGGTGTGAGAGCTGAGTTTACACAGATGTGGAGGCATCTGAAAGAGGTGGAGTACCAAGGC
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 GGCTTGGCTCAGGGGACCGAGCTACCTGGATGGCCCTTACCATAACATCTCAGGGGTTGGTCTTTTCC
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 CGGTGCACACACATGCCTTCACTTCAAGCTGGACCTGGATGTGGCAGGGCTGAAAACTGGGTGGTAGC
 TGAAGACGTGGTGTAAACCTGTGGCTGCCCTTGAACCCGAGCACTGGCTACAGCGCCACAGCTG
 ACTCGGCAGGTCTGGGAAAGGAGGACCTGACAGCTTTTCTTGGGAAGCCCCCTACCCGCTACCTCT
 ACCTGGCTAGCAACCAGACTAATGCGTGGGGTACCAGCGCGGTACCGAATCCAGATCCACAGCCCCCT
 TGGCATACACATACCCCTGGAGAGTGACATGGAGAGGGCCCTCAGCTGGGGGAGATACAGCTTGTGGTG
 ACCCAGAGAAAGGAGGAGGAGTACAGAGCAGTAGCATCTATCACCAGATGACATCTGGACACCCACAG
 TTACCTTTGCTGACTTCATCAACAATGAAACCTCTTAGGAGAGGATCTGGTGGCTTGGGTACAGCCAG
 CTTCTGCACATTCCCATGCCGAGGACATCCCAACACAGTACTCTGGGGAACAGAGTTGGCTTCTTG
 CTCCGACCCTATAACTTCTTTGATGAGGACCCCTCCATCTTCTCCCTGGCAGTGTCTACTTTGAGAAGG
 GCCAGGATGCTGGGCTCTGCAGCATCAATCCTGTGGCTGCCTCCCCGACCTGGCAGCCTGTGTCCCGGA
 CTTACCCCTTCTCTTACCACGGCTTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222991 representing NM_009590 Red=Cloning site Green=Tags(s) MHLKIVLAFLALSLITIFALAYVLLTSPGGSSQPPHCPVSHRAQPWPHPGQSQFLADLSREELTAVMRF LTQRLGPGLVDAQAQPSDNCIFSVELQLPPKAAALAHLDRGSPPPAREALAIIVLFGGQPQPNVSELVVG PLPHPSYMRDVTVERHGGPLPYHRRPVLRAEFTQMWRHLKEVELPKAPIFLSSTFNNGSTLAHVHATPR GLRSGDRATWMALYHNIISGVGLFLHPVGLLELLDHRALDPAHWTVQQVFYLGHYADLGQLEREFKSGRL EVVRVPLPPPNGASSLRNSPGPLPPLQFSPQGSQYSVQGNLVVSSLWSFTFGHGVFSGLRIFDVRFQG ERIAEYVSQECVSIYGADSPKTMTRYLDSSFGLGRNSRGLVRGVDCPYQATMVDIHILVGKGAVQLLP GAVCVFEEAQGLPLRRHHNYLQNHFYGGGLASSALVVRVSVSGNYDYIWDVFLYPNGALEGRVHATGYIN TAFKLGGEGLLFGNRVGERVLGTVHTHAFHFKLDLDVAGLKNWVAEDVVFKPVAAPWNPEHWLQRPQL TRQVLGKEDLTAFSLGSPLPRYLYLASNQTNAGWHQRGYRIQIHSPLGIHIPLESDMERALSWGRYQLVV TQRKEEESQSSSIYHQNDIWTPTVTFADFNNETLLGEDLVAWVTASFLHIPHAEDIPNTVTLGNRVGFL LRPYNFFDEDPISIFSPGSVYFEKGQDAGLCSINPVACLPDLAACVPDLPPFSYHGF* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_009590
ORF Size:	2268 bp
Buffer:	PBS with 0.001% Pluronic F8587
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_009590.2</u>
RefSeq Size:	2681 bp
RefSeq ORF:	2271 bp
Locus ID:	314
UniProt ID:	<u>O75106</u>
Cytogenetics:	17q21.31
MW:	83.5 kDa