

Product datasheet for **RC217318A1V**

Human AOC2 (NM_001158) AAV Particle

Product data:

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



ORF Nucleotide Sequence: >RC217318 representing NM_001158
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
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ATGCATCTCAAGATAGTCTGGCGTTCCTGGCACTGTCCCTCATTACCATCTTTGCCCTGGCCTATGTTT
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TTCACCCCTGGGGCTGGAGCTACTACTGGACCACAGGGCCCTGGACCCTGCCACTGGACTGTCCAGCA
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GACTTCATCAACAATGAAACCTCTTAGGAGAGGATCTGGTGGCTTGGGTCACAGCCAGCTTCTGCACA
TTCCCATGCCGAGGACATCCCAAACACAGTACTCTGGGGAACAGAGTTGGCTTCTTGCTCCGACCCTA
TAACCTTTTGTGATGAGGACCCCTCCATCTTCTCCCTGGCAGTGTCTACTTTGAGAAGGGCCAGGATGCT
GGGCTCTGCAGCATCAATCCTGTGGCTGCCTCCCGACCTGGCAGCCTGTGTCCCGGACTTACCCCTT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217318 representing NM_001158 Red=Cloning site Green=Tags(s) MHLKIVLAFALSLITIFALAYVLLTSPGGSSQPPHCPSVSHRAQPWPHPGSQLFADLSREELTAVMRF LTQRLGPGLVDAQAQPSDNCIFSVELQLPPKAAALAHDRGSPPPAREALAIVLFGGQPQPNVSELVVG PLPHPSYMRDVTVERHGGPLPYHRRPVLRAEFTQMWRHLKEVELPKAPIFLSSTFNNGSTLAAVHATPR GLRSGDRATWMALYHNI SGVGLFLHPVGLLELLDHRALDPAHWTVQVFLGHYYADLGQLEREFKSGRL EVVVRVPLPPNGASSLSRNSPGPLPPLQFSPQGSQYSVQGNL VVSSLWSFTFGHGVFSGLRIFDVRVFG ERIAYEVSVQECVSIYGADSPKTMLTRYLDSSFGLGRNSRGLVRGVDCPYQATMVDIHLVKGAVQLLP GAVCVFEEAQLPLRRHHNYLQNHFYGGLASSALVVRVSVSSVGNVDYIWFVLYPNGALEGRVHATGYIN TAFKGGEEGLLFGNRVGERVLGTVHTAFHFKLDLDVAGLKNWVAEDVVFKPVAAPWNPEHWLQRPQL TRQVLGKEDLTAFSLGSPLPRYL YLASNQTNAWGHQRGYQLVVTQRKEEESQSSSIYHQNDIWTPTVTF DFINNETLLGEDLVAVVTASFLHIPHAEDIPNTVTLGNRVGFLLRPYNFFDEDEPSIFSPGSVYFEKGD GLCSINPVAACLPDLAACVPDLPPFSYHGF* TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001158
ORF Size:	2187 bp
Buffer:	PBS with 0.001% Pluronic F7668
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_001158.3</u>
RefSeq Size:	2600 bp
RefSeq ORF:	2190 bp
Locus ID:	314
UniProt ID:	<u>O75106</u>
Cytogenetics:	17q21.31
MW:	80.3 kDa