

Product datasheet for **RC206768A1V**

Human D Amino Acid Oxidase (DAO) (NM_001917) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human D Amino Acid Oxidase (DAO) (NM_001917) AAV Particle
Tag:	Myc-DDK
Symbol:	D Amino Acid Oxidase
Synonyms:	DAAO; DAMOX; OXDA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206768 representing NM_001917 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCGTGTGGTGGTGATTGGAGCAGGAGTCATCGGGCTGTCCACCGCCCTCTGCATCCATGAGCGCTACC
ACTCAGTCCTGCAGCCACTGGACATAAAGGTCTACGCGGACCGCTTCACCCCACTCACCACCACCGACGT
GGCTGCCGGCCTCTGGCAGCCCTACCTTTCTGACCCCAACAACCCACAGGAGGCGGACTGGAGCCAACAG
ACCTTTGACTATCTCCTGAGCCATGTCCATTCTCCAACGCTGAAAACCTGGGCCTGTTCTTAATCTCGG
GCTACAACCTCTCCATGAAGCCATTCCGGACCCTTCTGGAAGGACACAGTTCTGGGATTTCCGAAGCT
GACCCCAAGAGAGCTGGATATGTTCCAGATTACGGCTATGGCTGGTTCCACACAAGCCTAATTCTGGAG
GGAAAGAAGTATCTACAGTGGCTGACTGAAAGGTTAACTGAGAGGGGAGTGAAGTTCTTCCAGCGGAAAAG
TGGAGTCTTTGAGGAGGTGGCAAGAGAAGGCGCAGACGTGATTGTCAACTGCACTGGGGTATGGCTGG
GGCGCTACAACGAGACCCCTGCTGCAGCCAGGCCGGGGCAGATCATGAAGGTGGACGCCCTTGGATG
AAGCACTTCATTCTACCCATGACCCAGAGAGAGGCATCTACAATTCCCCGTACATATCCAGGGACCC
AGACAGTTACTCTTGGAGGCATCTTCCAGTTGGGAACTGGAGTGAATAACAATATCCAGGACCACAA
CACCATTTGGGAAGGCTGCTGCAGACTGGAGCCACACTGAAGAATGCAAGAATTATTGGTGAACGAACT
GGCTTCCGGCCAGTACGCCCCAGATTCGGCTAGAAAGAGAACAGCTTCCGACTGGACCTCAAACACAG
AGGTATCCACAACATATGGCCATGGAGGCTACGGGCTCACCATCCACTGGGGATGTGCCCTGGAGGCAGC
CAAGCTCTTTGGGAGAATCCTGGAAGAAAAGAAATTGTCCAGAATGCCACCATCCACCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206768 representing NM_001917 Red=Cloning site Green=Tags(s) MRVVVIGAGVIGLSTALCIHERYHSLVQLPLDIKVVYADRFTPLTTTDDVAAGLWQPYLSDPNNPQEADWSQQ TFDYLLSHVHSPNAENLGLFLISGYNLFHEAIPDPSWKDTVLGFRKLTPRELDMFPDYGYGWFHTSLILE GKNYLQWLTERLTERGVKFFQRKVESFEEVAREGADVI VNCTGVWAGALQRDPLLQPGRGQIMKVDAPWM KHFILTHDPERGIYNSPYIIPGTQTVTLGGIFQLGNWSELNNIQDHNTIWEGCCREPTLKNARIIGERT GFRPVRPQIRLEREQRLRTGPSNTEVIHNYGHGGYGLTIHWGCALEAAKLFGRILEEKLSRMPPSHL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001917
ORF Size:	1041 bp
Buffer:	PBS with 0.001% Pluronic F68
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:	NM_001917.3
RefSeq Size:	1576 bp
RefSeq ORF:	1044 bp
Locus ID:	1610
UniProt ID:	P14920
Cytogenetics:	12q24.11
MW:	39.3 kDa