

## Product datasheet for RC212769A1V

### Human D aspartate oxidase (DDO) (NM\_004032) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human D aspartate oxidase (DDO) (NM_004032) AAV Particle
Tag:	Myc-DDK
Symbol:	D aspartate oxidase
Synonyms:	DASOX; DDO-1; DDO-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212769 representing NM_004032 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGAGACCAGCCAGGCACTGGGAAACAAGGTTTGGTGCCAGAGATTTTGGTGGCTTCCAAGACTGCTTTTTCAGAGACAGGCTCATGGACACAGCACGGATTGCAGTTGTCTGGGCAGGTGTGGTGGGGCTCTCCACGGCTGTGTGCATCTCCAACTGGTGCCCGATGCTCCGTTACCATCATTTTCAGACAAGTTTACTCCAGATACCACCAGTGATGTGGCAGCCGGAATGCTTATTCCTCACACTTATCCAGATACCCATTACACGCAGAAGAGTGGTTCAGAGAAACCTTTAATCACCTCTTTGCAATTGCCAATTCTGCAGAAGCTGGAGATGCTGGTGTTCATTTGGTATCAGGGATAAAGGGAAGTGGAGGCTGGACACTCACTCGGCGAATAGAAGACCTGTGGGAACTTCATCCGCTCTTTGACATCGTGGTCAACTGTTTCAGGCCTTGGAAAGCAGACAGCTTGCAGGAGACTCAAAGATTTTCCCTGTAAGGGGCCAAGTCTCCAAGTTCAGGCTCCCTGGGTGGAGCATTTTATCCGAGATGGCAGTGGGCTGACATATTTATCCTGGTACATCCCATGTAACCCTAGGTGGAAGTGGCAAAAAGGGGACTGGAATCTGTCCCGGATGCAGAAAATAGCAGAGAGATTCTTTCCCGATGCTGTGTTCTGGAGCCCTCCCTCCACGGAGCCTGCAACATCAGGGAGAAGTGGGCTTGAGGCCCTACAGGCCAGGCGTGCAGCTGCAGACAGAGCTCCTTGCGCGAGATGGACAGAGGCTGCCTGTAGTCCACCACTATGGCCATGGGAGTGGGGGCATCTCAGTGCAGTGGGGCACTGCTCTGGAGGCCAGGCTGGTGAGCGAGTGTCCATGCCCTCAGGACCCCATTTCCAAGTCAAACCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC212769 representing NM_004032 Red=Cloning site Green=Tags(s)  MRPARHWETRFGARDFFGGFQDCFFRDRLMDTARIAVVGAGVVGLSTAVCISKLVPRCSVTIISDKFTPDT TSDVAAGMLIPHTYPTPIHTQKQWFRETFNHLFAIANSAGDAGVHLVSGIKGSGGWTLTRRIEDLWE LHPSFDIVVNC SGLGSRQLAGDSKIFPVRGQVLQVQAPWVEHFIRDGSGLYIYPGTSHVTLGGTRQKGD WNLSPDAENSREILSRCCVLEPSLHGACNIREKVGLRPYRPGVRLQTELLARDGQRLPVVHHYHGSGGI SVHWGTALEAARLVSECVHALRTPIPKSNL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_004032
<b>ORF Size:</b>	930 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_004032.2</a> , <a href="#">NP_004023.2</a>
<b>RefSeq Size:</b>	1556 bp
<b>RefSeq ORF:</b>	849 bp
<b>Locus ID:</b>	8528
<b>UniProt ID:</b>	<a href="#">Q99489</a>
<b>Cytogenetics:</b>	6q21
<b>MW:</b>	33.8 kDa