

Product datasheet for RC207622A1V

Human D aspartate oxidase (DDO) (NM_003649) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human D aspartate oxidase (DDO) (NM_003649) 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:	>RC207622 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC

ATGAGACCAGCCAGGCACTGGGAAACAAGGTTTGGTGCCAGAGATTTTGGTGGCTTCCAAGACTGCTTTTTCAGAGACAGGCTCATGGACACAGCACGGATTGCAGTTGTTCGGGCAGGTGTGGTGGGGCTCTCCACGGCTGTGTGCATCTCCAACTGGTGCCCGATGCTCCGTTACCATCATTTCAGACAAGTTTACTCCAGATACCACCAGTGATGTGGCAGCCGGAATGCTTATTCCTCACACTTATCCAGATACACCCATTACACGCAGAAGCAGTGGTTCAGAGAAACCTTTAATCACCTCTTTGCAATTGCAATTCTGCAGAAGCTGGAGATGCTGGTGTTCATTTGGTATCAGTTGGCAGATATTTTCAGAGCACTCCGACTGAAGAAGTGCCATTCTGGGCTGACGTGGTTCTGGGATTCGAAAGATGACTGAGGCTGAGCTGAAGAAATCCCCAGTATGTGTTGGTCAGGCTTTACAACCCTGAAATGTGAATGCCCTGCCTACCTCCCCTGGTTGGAGAAAAGGATAAAGGGAAGTGGAGGCTGGCACTCACTCGGCGAATAGAAGACCTGTGGGAACTTCATCCGTCCTTTGACATCGTGGTCAACTGTCAGGCCTTGAAGCAGACAGCTTGCAGGAGACTCAAAGATTTCCCTGTAAGGGGCCAAGTCTCCAAGTTCAGGCTCCCTGGGTGGAGCATTTTATCCGAGATGGCAGTGGGCTGACATATATTTATCCTGGTACATCCATGTAACCCTAGGTGGAAGTGGCAAAAAGGGGACTGGAATCTGTCCCGGATGCAGAAAATAGCAGAGAGATTCTTTCCGATGCTGTGCTCTGGAGCCCTCCCTCCACGGAGCCTGCAACATCAGGAGAAGGTGGGCTTGAGGCCCTACAGGCCAGGCGTGCGACTGCAGACAGAGCTCCTTGCCGAGATGGACAGAGGCTGCCGTAGTCCACCACTATGGCCATGGGAGTGGGGGCATCTCAGTGCAGTGGGCACTGCTCTGGAGGCCCGCCAGGCTGGTGAGCGAGTGTGCCATGCCCTCAGGACCCCATCCCAAGTCAAACCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC207622 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MRPARHWETRFGARDFFGGFQDCFFRDRLMDTARIAVVGAGVVGLSTAVCISKLVPRCSVTIISDKFTPDT TSDVAAGMLIPHTYPTPIHTQKQWFRETFNHLFAIANSAGDAGVHLVSGWQIFQSTPTEEVFPWADV VLGFRKMTEAELKKFPQYVFGQAFTTLKCECPAYLPWLEKRIKSGGWTLTRRIEDLWELHPSFDIVVNC SGLGSRQLAGDSKIFPVRGQVLQVQAPWVEHFIRDGSLTYIYPGTSHVTLGGTRQKGDWNLSPDAENSR EILSRCCALEPSLHGACNIREKVGLRPYRPGVRLQTELLARDGQRLPVVHHYGHGSGGISVHWGTALEAA RLVSECVHALRTPIPKSNL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003649
ORF Size:	1107 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_003649.2
RefSeq Size:	1733 bp
RefSeq ORF:	1110 bp
Locus ID:	8528
UniProt ID:	Q99489
Cytogenetics:	6q21
MW:	41 kDa