

## Product datasheet for **RC206858A1V**

### Human Ornithine Decarboxylase (ODC1) (NM\_002539) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Ornithine Decarboxylase (ODC1) (NM_002539) AAV Particle
Tag:	Myc-DDK
Symbol:	Ornithine Decarboxylase
Synonyms:	BABS; NEDBA; NEDBIA; ODC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC206858 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAACAACCTTTGGTAATGAAGAGTTTGACTGCCACTTCTCGATGAAGGTTTTACTGCCAAGGACATTC  
 TGGACCAGAAAATTAATGAAGTTTCTTCTGATGATAAGGATGCCTTCTATGTGGCAGACCTGGGAGA  
 CATTCTAAAGAAACATCTGAGGTGGTTAAAAGCTCTCCCTCGTGTCAACCCCTTTTATGCAGTCAAATGT  
 AATGATAGCAAAGCCATCGTGAAGACCTTGCTGCTACCGGGACAGGATTTGACTGTGCTAGCAAGACTG  
 AAATACAGTTGGTGCAGAGTCTGGGGTGCCTCCAGAGAGGATTATCTATGCAAATCCTTGTAACAAGT  
 ATCTCAAATTAAGTATGCTGCTAATAATGGAGTCCAGATGATGACTTTTGATAGTGAAGTTGAGTTGATG  
 AAAGTTGCCAGAGCACATCCAAAGCAAAGTTGGTTTTGCGGATTGCCACTGATGATCCAAAGCAGTCT  
 GTCGTCTCAGTGTGAAATTCGGTGCCACGCTCAGAACCAGCAGGCTCCTTTTGAACGGGCGAAAGAGCT  
 AAATATCGATGTTGTTGGTGTGACGTTCCATGTAGGAAGCGGCTGTACCGATCCTGAGACCTTCGTGCAG  
 GCAATCTCTGATGCCCGCTGTGTTTTGACATGGGGGTGAGGTTGGTTTCAGCATGTATCTGCTTGATA  
 TTGGCGGTGGCTTTCCTGGATCTGAGGATGTGAAACTAAATTTGAAGAGATCACCGGCCTAATCAACCC  
 AGCGTTGGACAAATACTTCCGTGAGCTCTGGAGTGAGAATCATAGCTGAGCCCGCAGATACTATGTT  
 GCATCAGCTTTCACGCTTGCAGTTAATATCATTGCCAAGAAAATTGTATTAAGGAACAGACGGGCTCTG  
 ATGACGAAGATGAGTTCGAGTGCAGACCTTTATGTATTATGTGAATGATGGCGTCTATGGATCATTAA  
 TTGCATACTCTATGACCACGCACATGTAAGCCCTTCTGCAAAGAGACCTAAACCAGATGAGAAGTAT  
 TATTCATCCAGCATATGGGACCAACATGTGATGGCCTCGATCGGATTGTTGAGCGCTGTGACCTGCCTG  
 AAATGCATGTGGGTGATTGGATGCTCTTGAACAACATGGGCGCTTACACTGTTGCTGCTGCCTCTACGTT  
 CAATGGCTTCCAGAGGCCGACGATCTACTATGTGATGTAGGGCCTGCGTGGCAACTCATGCAGCAATTC  
 CAGAACCCCGACTTCCACCCGAAGTAGAGGAACAGGATGCCAGCACCTGCCTGTGCTTGTGCCTGGG  
 AGAGTGGGATGAAACGCCACAGAGCAGCTGTGCTTCGGCTAGTATTAATGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC206858 protein sequence  
 Red=Cloning site Green=Tags(s)

MNFMGNEEFDCHFLDEGFTAQKIDLDQKINEVSSDDKDAFYVADLGDILKHLRRLKALPRVTPFYAVKC  
 NDSKAIYKTLAATGTGFDCAKTEIQLVQSLGVPPERIIYANPCKQVSQIKYAANNGVQMMTFDSEVELM  
 KVARAHPKAKLVLRIATDDSKAVCRLSVKFGATLRTSRLLLERAKELNIDVVGVSFHVSGCTDPETFVQ  
 AISDARCVFDMGAEVGFSMYLLDIGGGFPGSEVVKLFEEITGVINPALDKYFSPDSGVRRIIEPGRYYV  
 ASAFTLAVNIIAKKIVLKEQTGSDDDESESEQTFMYVNDGVYGSFNCILYDHAHVKPLLQKRPKPDEKY  
 YSSSIWGPTCDGLDRIVERCDLPEMHVGDWMLFENMGAYTVAASSTFNGFQRPTIYYVMSGPAWQLMQQF  
 QNPDPFPEVEEQDASTLPVSCAWESGMKRHRAACASASINV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_002539

**ORF Size:**

1383 bp

**Buffer:**

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>	<u><a href="#">NM_002539.1</a></u>
<b>RefSeq Size:</b>	2307 bp
<b>RefSeq ORF:</b>	1386 bp
<b>Locus ID:</b>	4953
<b>UniProt ID:</b>	<u><a href="#">P11926</a></u>
<b>Cytogenetics:</b>	2p25.1
<b>MW:</b>	51.1 kDa