

Product datasheet for **RC214662A1V**

Human Ornithine Carbamoyltransferase (OTC) (NM_000531) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ornithine Carbamoyltransferase (OTC) (NM_000531) AAV Particle
Tag:	Myc-DDK
Symbol:	Ornithine Carbamoyltransferase
Synonyms:	OCTD; OTCD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214662 representing NM_000531 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGTTTAATCTGAGGATCCTGTTAAACAATGCAGCTTTAGAAATGGTCACAACCTCATGGTTCGAA
ATTTTCGGTGTGGACAACCACTACAAAAATAAGTGCAGCTGAAGGGCCGTGACCTTCTCACTCTAAAAA
CTTTACCGGAGAAGAAATTAATATATGCTATGGCTATCAGCAGATCTGAAATTTAGGATAAACAGAAA
GGAGAGTATTTGCCTTTATTGCAAGGGAAGTCCTTAGGCATGATTTTGGAGAAAAGAAGTACTCGAACAA
GATTGCTACAGAAACAGGCTTTGCACCTCTGGGAGGACATCCTGTTTCTTACCACACAAGATATTCA
TTTGGGTGTGAATGAAAGTCTCACGGACACGGCCCGTGTATTGTCTAGCATGGCAGATGCAGTATTGGCT
CGAGTGTATAACAATCAGATTTGGACACCCTGGCTAAAGAAGCATCCATCCCAATTATCAATGGGCTGT
CAGATTTGTACCATCCTATCCAGATCCTGGCTGATTACCTCACGCTCCAGGAACACTATAGCTCTCTGAA
AGGTCTTACCCTCAGCTGGATCGGGATGGGAACAATATCCTGCACTCCATCATGATGAGCGCAGCGAAA
TTCGAATGCACCTTCAGGCAGCTACTCCAAAGGTTATGAGCCGGATGCTAGTGTAAACCAAGTTGGCAG
AGCAGTATGCCAAGAGAATGGTACCAAGCTGTTGCTGACAAATGATCCATTGGAAGCAGCGCATGGAGG
CAATGTATTAATTACAGACACTTGATAAGCATGGGACAAGAAGAGGAGAAGAAAAGCGGCTCCAGGCT
TTCCAAGTTACCAGTTACAATGAAGACTGCTAAAGTTGCTGCCTCTGACTGGACATTTTACACTGCT
TGCCCAGAAAGCCAGAAGAAGTGGATGATGAAGTCTTTTATTCTCCTCGATCACTAGTGTCCCAGAGGC
AGAAAACAGAAAGTGGACAATCATGGCTGTCATGGTGTCCCTGCTGACAGATTACTCACCTCAGCTCCAG
AAGCCTAAATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214662 representing NM_000531 Red=Cloning site Green=Tags(s) MLFNLRIILLNNAAFRNGHFMVRNFRCGQPLQNKVQLKGRDLLTLKNFTGEEIKYMLWLSADLKFRKQK GEYLPLLQGKSLGMIFEKRSTRTRLSTETGFALLGGHPCFLTQDIHLGVNESLTDARVLSMADAVLA RVYKQSDLDTLAKEASIPITINGLSLYHPIQILADYLTQEHYSSLKGLTSLWIGDGNNILHSIMMSAAK FGMHLQAATPKGYEPDASVTKLAEQYAKENGTKLLLNDPLEAAHGGNVLITDTWISMGQEEKKRLQA FQGYQVTMKTAKVAASDWTFLHCLPRKPEEVDDDEVFYSRSLVFPEAENRKWTIMAVMVSLLTDYSPQLQ KPKF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000531
ORF Size:	1062 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_000531.3
RefSeq Size:	1927 bp
RefSeq ORF:	1065 bp
Locus ID:	5009
UniProt ID:	P00480
Cytogenetics:	Xp11.4
MW:	39.94 kDa