

Product datasheet for **RC201610A1V**

Human ornithine aminotransferase (OAT) (NM_000274) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ornithine aminotransferase (OAT) (NM_000274) AAV Particle
Tag:	Myc-DDK
Symbol:	ornithine aminotransferase
Synonyms:	GACR; HOGA; OATASE; OKT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201610 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTTTCCAACTAGCACATTTGCAGAGGTTTGCTGTAAGTTCGCGGAGTTCATTCTTCAGTGGCTT
CTGCTACATCTGTTGCACTAAAAACAGTCCAAGGCCCTCCAACCTCTGATGACATTTTTGAAAGGGA
ATATAAGTATGGTGCACACAACCTACCATCCTTTACCTGTAGCCCTGGAGAGAGGAAAAGGTATTTACTTA
TGGGATGTAGAAGGCAGAAAAATTTTTGACTTCCTGAGTCTTACAGTGTGTCAACCAAGGGCATTGTC
ACCCCAAGATTGTGAATGCTCTGAAGAGTCAAGTGGACAAATTGACCTTAACATCTAGAGCTTTCTATAA
TAACGTACTTGGTGAATATGAGGAGTATATTACTAACTTTTCACTACCACAAAAGTTCTTCTATGAAT
ACAGGAGTGGAGGCTGGAGAGACTGCCTGTAACTAGCTCGTAAGTGGGGCTATACCGTGAAGGGCATT
AGAAATACAAAGCAAAGATTGTTTTGCAGCTGGGAACCTCTGGGGTAGGACGTTGTCTGCTATCTCCAG
TTCCACAGACCAACCAGTTACGATGGTTTTGGACATTTATGCCGGGATTGACATCATTCCCTATAAT
GATCTGCCCGCACTGGAGCGTCTCTTCAGGATCCAAATGTGGCTGCGTTTCATGGTAGAACCAATTCAGG
GTGAAGCAGGCGTTGTTGTTCCGGATCCAGTTACCTAATGGGAGTGCAGAGCTCTGCACCAGGCACCA
GGTTCTCTTTATTGCTGATGAAATACAGACAGGATTGGCCAGAAGTGGTAGATGGCTGGCTGTTGATTAT
GAAAATGTCAGACCTGATATAGTCTCCTTGAAAGGCCCTTTCTGGGGGCTTATACCCTGTGTCTGCAG
TGCTGTGTGATGATGACATCATGCTGACCATTAAAGCCAGGGGAGCATGGGTCCACATACGGTGGCAATCC
ACTAGGCTGCCGAGTGGCCATCGCAGCCCTTGAGGTTTTAGAAGAAGAAAACCTTGCTGAAAATGCAGAC
AAATTGGGCATTATCTTGAGAAATGAACTCATGAAGCTACCTTCTGATGTTGTAAGTGGCGTAAGAGGAA
AAGGATTATTAATGCTATTGTCATTAAAGAAACCAAGATTGGGATGCTTGAAGGTGTGTCTACGACT
TCGAGATAATGGACTTCTGGCCAAGCCAACCATGGCGACATTATCAGGTTTGCGCCTCCGCTGGTGATC
AAGGAGGATGAGCTTCGAGAGTCCATTGAAATTATTAACAAGACCATCTTGCTCTTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC201610 protein sequence Red=Cloning site Green=Tags(s) MFSKLAHLQRFVLSRGVHSSVASATSVATKKTQGPPTSDDIFEREYKYGAHNYHPLPVALERGKGIYL WDVEGRKYFDLSSYSAVNQGHCHPKIVNALKSQVDKLTLSRAFYNNVLGEYEEYITKLFNYHKVLP TGVEAGETACKLARKWGYTVKGIQKYKAKIVFAAGNFWGRTLSAISSSTDPTSVDGFGPFMPGFDIIPYN DLPALERALQDPNVAAFMVEPIQGEAGVVVDPGYLMGVRELCTRHQVLFIADEIQTGLARTGRWLAVDY ENVRPDIVLLGKALSGGLYPVSAVLCDDIMLTIKPGEHGSTYGGNPLGCRVAIAALEVLEEENLAENAD KLGIIILRNELMKLPSPDVVTAVRGKGLLNAIVIKETKDWDAWKVCLRLRDNGLLAKPTHGDIIRFAPPLVI KEDELRESIEIINKTILSF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000274
ORF Size:	1317 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_000274.1
RefSeq Size:	2102 bp
RefSeq ORF:	1320 bp
Locus ID:	4942
UniProt ID:	P04181
Cytogenetics:	10q26.13
MW:	48.5 kDa