

Product datasheet for **MR210227A1V**

Mouse Orc3 (NM_015824) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Orc3 (NM_015824) AAV Particle
Tag:	Myc-DDK
Symbol:	Orc3
Synonyms:	Orc3l
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210227 representing NM_015824
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCACACGGGGCCGGGACTATGGCCACCTCCTCCGTGTCTAAGGGCTGCTTTGTGTTAAACCAGACT
 TCAAAAAAGAAAGGTCTTTGTGCCAATAGAGGATTATTTAATAATGAGGAACCTTGACTCTGAGGACAG
 TAAACTTCGATTGAAACATATAGCTTGCTATGGCAACGGATGAAATCTGAAACAGAGCAATTACAGGAG
 GAATTAATGAAATCTGTTGATAACCTAGTTGACTTCTGCAGAAGTCCCATCCTGAATTCAGAAAA
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 AAGTCCTCCAAGACTTCATACTATCAGCAGTCAGCATCTGCATGAGTTTCCGCTAATTCGATTTTTGG
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 GCCTTCCTTCATTTAGGAGGTACGTGGAAAACAGCCTTTGGGAAAGCAAGTGGCACTGCTGACAAATGA
 GACCTTCTTAAAGGAGAAAACTCAATCATTGCTGGAAGACCTGCATGTTTACCATATCAATTACTTCCTT
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 GCAAAGAGGAAGAGGATGCCTGTGGATCACAGCCAAAGGGCTGCAGAAGACAGACCTGTATCACCTTCA
 GAAGTCCTTACTAGAAATGAAAGAGCTAAGGAGAACTAAGAAGCCAACCAAGTTTGAAATGCTCAGAGAA
 AATGTTATGAACCTTCATCGACAACCTAGTGAGAGACTACCTTCTGCCTCCTGAGAGCCAGCCTCTGCATG
 AGGTAGTGTACTTCAGTGCTGCCAACACACTCCGTGAGCACTTAAATGCTGCTCCAAGAATCGCTCTTCA
 CACTGCACTCAACAACCCATACTATTACCTGAAGAATGAAGAAGTGAAGGATGTATTCCAAATACTGCC
 CCTGACATCTGCATAGCATACAACTGCACCTGGAGTGTAGCCTGCTGATCAACCTCGTCGACTGGGCAG
 AGGCTTTTGCAACAGTTGTGACAGCTGCTGAGAAAATGGATGCAATTCTACAGTCTCAGAAGAAATGAG
 TGAAGTTATTCATGCTCGATTTATTCGAGCTGTTTCTGAATTAGAAGCTTTAGGCTTTATAAACCTACG
 AACAGAAGACTGACCATGTTGCAAGGCTTACATGGGGAGGCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210227 representing NM_015824 Red=Cloning site Green=Tags(s) MHTGPRTMATSSVSKGCFVFKPDFKKRKVFVPIEDYFNNEELDSKLRFETYSLLWQRMKSETEQLQE ELNENLFDNLVDFLQKSHPEFQKNSRDWGSQMKFREIPTAALILGVNVDHVDILRSLTETLQNNVTPYV VSLQAKDCPDVKHFLQKFTSQLMDCCVDRHSKEVTSGKALKKTNYSMDSLCSWYSAVTQKADHKVTIKKR TASGHWRSPPVVILKSMESFTSKVLQDFITISSQHLHEFPLILIFGIATSPVIIHRLPHSVSSLLCVE LFQSLSCQHLTVVLDKLLLTPQFPFKLSKKALQVLTNIFLYHDFSIQSFIKGIKLSLLEHFYSQPLSVL CCDLSEAKKRVNVFVSQCENIIRRLPSFRRYVENQPLGKQVALLTNETFLKEKTQSLLEDLHVYHINYFL VLRCLHNFTSSLPKYPLGRQIRELYCTCLEKKIWDSEEYKSALQLLRMLAKDELVSILQRCIEVLDSSSTE KQLGNTTQKIKDFLTQFQNLADDSKEEEDACGSQPKGLQKTDLYHLQKSLLMKELRRTKKPTKFEMLRE NVMNFIDNLVRDYLLPPESQPLHEVVYFSAANTLREHLNAPRIALHTALNNPYYYLKNEEELEGIPNTA PDICIAAYKLHLECSLLINLVDWAEAFATVVTAEEKMDANSTVSEEMSEVIHARFIRAVSELELLGFIKPT KQKTDHVARLTWGGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_015824
ORF Size:	2145 bp
Buffer:	PBS with 0.001% Pluronic F1320
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:	<u>NM_015824.4, NP_056639.3</u>
RefSeq Size:	6313 bp
RefSeq ORF:	2148 bp
Locus ID:	50793
UniProt ID:	<u>Q9JK30</u>
Cytogenetics:	4 A5
MW:	82.3 kDa