

Product datasheet for **MR216919A1V**

Mouse Cars2 (NM_024248) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Cars2
Synonyms:	2310051N18Rik; 2410044A07Rik; D530030H10Rik
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR216919 representing NM_024248
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTCGGGCGCGCGGCGCTGGGCCCGGCGCTCTGCTGCTCCGGGCGCGCTGGGTCTCGGGCGGCGCG
 GGCGGTGATGGCAACGGCCGCAAGGCCAGGACACCGCGGTGCAGGTGCATAACAGCCTCACTGGCAGGAA
 GGAGCCGCTGATAGTGGCCGCTCGGACGAGTCTCCTGGTATAGCTGTGGACCGACTGTGTACGACCAT
 GCACATCTTGGCCATGCTTGCTCTATGTTAGATTGACATTATCCGGAGGATCCTGACCAGAGTGTGTTG
 GATGCAATGTGGTATGGCGATGAGCATTACCGACGTGGATGACAAAATATCAAGAGAGCTAACGAGAT
 GAACGTGACGCCCCGCTTCTCGCCAGTCTTTTGGAGGAAGAATTTAAACAAGACATGGCAGCCCTGAAG
 GTTCTGCCGCCAACTGTGTATTTGAGAGTCACTGAGAACATCCCTCAGATCATTGCTTTATCGAGGGCA
 TCATTGCTCAGGCCATGCATACTCGACAGCTACAGGCAGCGTCTACTTCGATCTGCACGCCGAGGGGA
 CAAGTATGGCAAGCTGGTCAACACGGTCCAGTGCCACTGCAGAGCCAGCAGGTGACTCTGACAAGCGG
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 ACGGACGGCCTGGATGGCACATCGAGTGTCTACCATGGCCAGTGAGGTGTTTCGGAAGCCACCTGGACAT
 CCACACCGGCGGCATAGACTTGGCTTTCCACATCACGAAAATGAAATCGCGCAGAGTGAAGTCTTCCAC
 CAGTGTGACAGTGGGAAATTACTTCCTACATTCTGGTCAATTCGATGTGAAAGGCACAGAAGAAAAGA
 TGTCCAAATCCCTAAAAAACTATATCACCATTAAAGGACTTCCTGAAGACCTTCTCCCTGACGTCTTCCG
 GCTTTTCTGCTTGCATACCACTATAGGTGAGCCATTGAATACAGTGACAGTACCTTGGTGAAGCCAAG
 CACCTCTGCTGGGGTGGCTCTTTTGTGGAGGATGCACGAGCCTACGTAAGGGGACGTGACCTGTG
 GCCCTGTTGAGGAGGATGTGCTATGGGAGAGGCTGACTAGCACAAGAAGGCGGTGAAAGCTGCTCTAGC
 CAATGACTTTGACACACCGAGGGCAGTGAACACCATCCTGGACCTTGTGCACCATGCAAAACAGACAGCTC
 AGGGCGGTCTCCAAGGAAGCTAGTGGCCCAAGGAGTCCCACTGTGTTTGGGGCCATCATTTCTACGTTG
 AGCAGTTTTTCGAGACTGTTGGGATTTCTCTGGCAAATCGACAGTGTGTTTCAGGAGACAGCAGCAGT
 AACGTTGCGCTGTGTGGTAGATGAAGTCTGCGCTTCAGGCTGAAGTCCGCCAGTATGCACTGGACACA
 CCCGGGGCTGCTGGGGAGGCTCGGAAACGGCAGCTCCAGGAAAGGCAGCCCTTGTGGAGGCATGTGACA
 CACTCCGACAGGACCTCGTACCCATGGCATCAATGTTAAGGACAGAGGCACTGCAGCCTCCACATGGGA
 ACTGCTGGATCCAAGGACAAGACACCAGAAACCTGGGGACCGAGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MLRARGPGPGALLLRAALGLGRRGRSWQRPQGQDTGVQVHNSLTGRKEPLIVARSDAVSWYSCGPTVYDH
 AHLGHACSYVRFDIIRRLTRVFGCNVVMAMSI TDVDDKIIKRANEMNVPASLASLFEEFKQDMAALK
 VLPPTVYLRVTENIPQIIAFIEGIIAHGHAYSTATGSVYFDLHARGDKYKLVNTVPSATAEPAGDSDKR
 HSSDFALWKAAPQEVFWASPWGDGRPGWHIECTMASEVFGSHLDIHTGGIDLAFPHHENEIAQSEVFH
 QCQQWGNVFLHSGHLHVKGTEEKMSKSLKNYITIKDFLKTFS PDVFRFLCLRTNYRSAIEYSDSTLVEAK
 HLLLGLASFVEDARAYVKQLTCGPVEEDVLWERLTSTKKAVKAALANDFDTPRAVNTILDVHHANRQL
 RAVSKEASGPRSPVFGAIIISYVEQFFETVGISLANRQCVSGDSSTVTLRCVDELVRFLKVRQYALDT
 PGAAGEARKRQLQRQPLLEACDTRLRQDLVTHGINVKDRGSAASTWELLDPRTRHQKPGDRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_024248
ORF Size: 1656 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:	<u>NM_024248.1, NP_077210.1</u>
RefSeq Size:	1867 bp
RefSeq ORF:	1659 bp
Locus ID:	71941
UniProt ID:	<u>Q8BYM8</u>
Cytogenetics:	8 A1.1
MW:	61.3 kDa