

Product datasheet for **MR209940A1V**

Mouse Raver2 (NM_183024) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Raver2 (NM_183024) AAV Particle
Tag:	Myc-DDK
Symbol:	Raver2
Synonyms:	A430091O22Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209940 representing NM_183024
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGCGCGGGGAGGCGCGGGGGCGCGGGCTCGGGATCCGGACCCTCTGCTGGGACGGCGGGG
 AGGCCGCGGAGCCCGCGCTGCGCCCGGGGAGGTGGCTGCGCTGCACCCAGGAGGTGGCTGCACGGCT
 GCAGCGGATGCGACGGGAGCTGAGCAACCGCGGAAAATCCTAGTGAAAAACCTGCCCCAGGACAGCAGC
 TCCAGGAGGTTTCATGAGTTATTACAGGACTATGAGCTAAAGTATTGCTATGTGGACAGGAATAACGAA
 CAGCTTTTGTACCTTATTGAATGGGAGCAGGCGCAGAGCGGATTTCAGAGGTTTCATCAGTTTTCTTT
 CCGAGGCGAGAGTTGACAGTGCAGCTGCAGCCACAGACGCTCTCTTGTGCATACCAACCTGCCCATC
 TCCTTCACCTTAGAAGAGTTTGAAGAACTCGTCCGTGCCTATGGCAACATCGAGAGATGTTTTTGGTCT
 ACAGTGAAGTTACTGGCCACTCCAAAGGCTACGGGTTTGTGGAGTACATGAAGAAGGACTTTGCTGCCAA
 GGCCAGACTGGAGCTACTGGGCGGCGAGATGGGAGCCTCGGCGCTCTTCGCACAGTGGATGGATGTTAAT
 CTCTTGGCCTCGGAGCTCATCCATTCTAAGTGCCTTTGTATAGATAAACTCCCCAGTGACTACAGCGATT
 CGGAAGAGCTCTTGCACTTTTTTCCGGTATCCATAAACCTGTGTTTTGCCAGCTTGACAGGATGAAGG
 AAGTCACGGTGGTGGCTTTGCGGTGGTTGAATATAGCACTGCGGAGCATGCCGAAGAGGTTTCAGCAGGTG
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 GCACTCTAGCAGTCTCATAGCAGCTCAGCGCGCATGCACAGTAATCAAAGGGATTACTGCCAGAACC
 CAATCCGGTACAGATTATGAAAAGTTTAAACAACCTGCCATGTTACAAGTTCTTCTGCAGCCCCAGCTA
 TGGCGACGAGCCATGAAGCCAGTTCTCGGAGTCGCGCCAGCTTATCTCACCTGCTGAGTCCGTCACTCC
 CCTCCGCCATCTTACACTTCAGTAAAGCACAGCAGAGCTCAGCTGTGGTAATACATCGTCTTAATCCT
 TCAGAACCTGTCTCCCTTGCCCTTGATACAGCAACAGTTGATGAAGTTTGACAATGCCACACTAACAAT
 AAGCCTGGCTTGTGGGAGAGCCTCCTGCCATGGTACTGCAGCCTGCTCTGGCGATAGGGCCACCGCTTC
 CACTGAAAACGGACCTGGGACACCATGGCGAAGCACACAAAACATCTAACCTGATTCCACCTCAGACGAC
 ATTGGCAGCCGGGCTGGGCATGCTGCCGTTCTTCTCAAACAGCTCCCTGCTGGACAAGCCGGCCGGGG
 CGTGGGACCACTCAGGAGAAACAGTCCGCTTCGGTGGAGCATTAGCGAAGCTAGCTTCTCAGGGTCGCAGC
 ATTACCTGCAGACCTTCCAGGCCTTCTGCTGGAGGCCGCTGACGGGCAACCAGAAGACACCGCAGAG
 CCAGCCAAAAGGCACAGAGGTTGCCTCTAAGAATCAGACTTCACTCTTGGGAGAACCAAAAAGAGATC
 CGGCTCAGTAAAAATCCATATTTGAATTTGGCAAGTGTGCTACCCAGTGTGTGCCTATCCACTGCAGGTA
 AAGGCATGCCTCCGAAGACTGGAATTGCGAGCAACATTCTGGATGCGATCTCTCAGGGAAGTGAGTCCCA
 GCATGCACTGGAGAAGTGCATCGCCTATTCTCCATCCATCGAGGATTATGCCCAGGCATCCTCCTTGAGG
 AATGAGAAGCGAGGCTCCTCCTATCTCATCTCTGCCCCAGAAGGAGGCCCGGTAGAACTCGCTGGCCAGC
 ACCCTCAGGACACCGGAGTGAGCTACACAGAAACCTACTTGAAAAAGAAGCGTGTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209940 representing NM_183024 Red=Cloning site Green=Tags(s) MAARGGGAGGAGSGSPSAGTAGEEAEPALRPGEVAALHPQEVAARLQMRREL SNRRKILVKNLPQDSS SQEVHELLQDYELKYCYVDRNKRTAFVTLNGEQAQSAIQRFHQFSFRGRELTVQLQPTDALLCITNLP SFTLEEFEEELVRAYGNIERCFLVYSEVTGHSGYGFVEYMKKDFAAKARLELLGRQMGSALFAQWMDVN LLASELIHSCCLCIDKLPSDYSDEELLQLFSGIHKPVFCQLAQDEGSHGGGFVVEYSTAEHAEEVQQV ADGITIKGSQVQLSFCAPGAPGRSTLAVLIAAQRAMHSNQKGLLPEPNPVQIMKSLNNPAMLQVLLQPQL CGRAMKPVLGVAAPSLSHLLSPSLPSAILHFSKAQQSSAVGNTSSLILQNLSPPLIQQQLMKFDNAHTNN KPGLLGEPPAMVLQPALAIGPPLPLKTDLGHHGEAHKTSNLIPPQTTLAAGLGMLPFFSNQLPAGQAGPG RGTTQEKSASVSISEASFSGSQHYLQTFPGLPAGGPLTGNQKTPQSQPKGTEVASKNQTSLLGEPPKEI RLSKNPYLNLASVLPVCLSTAGKGMPKGTGIASNILDAISQGSSEQHALEKCIAYSPSIEDYAQASSLR NEKRGSSYLISAPEGGPVELAGQHPQDTGVSYTETYLKKKRVY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_183024
ORF Size:	2019 bp
Buffer:	PBS with 0.001% Pluronic F1040
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_183024.1, NP_898845.1</u>
RefSeq Size:	4006 bp
RefSeq ORF:	2022 bp
Locus ID:	242570
UniProt ID:	<u>Q7TPD6</u>
Cytogenetics:	4 C6
MW:	72 kDa