

Product datasheet for **MR217131A1V**

Mouse Map4k2 (NM_009006) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Map4k2 (NM_009006) AAV Particle
Tag:	Myc-DDK
Symbol:	Map4k2
Synonyms:	AI385662; BL44; GCK; Rab8ip
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR217131 representing NM_009006
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGTTGCGGGACGTGTCGCTGCAGGATCCGCGGGACCGCTTCGAGCTGCTACAGCGTGTGGGG
 CCGGGACCTATGGCGACGTTTACAAGGCCCGTGACACCGTCACGTCCGAAGTGGCCGCGTGAAGATCGT
 CAAGCTAGACCCAGGGGACGACATCAGCTCTCTTCAGCAGGAAATCACCATCCTTCGTGAATGCCGCCAC
 CCCAATGTCTGGCCTACATCGGCAGCTACCTCAGGAATGACCGATTGTGGATCTGTATGGAGTTCTGTG
 GAGGAGGGTCACTGCAGGAGATTTACCACGCCACTGGGCCCTGGAAGAACGGCAGATTGCCATGTTTTG
 CCGGGAGGCACTGAAGGGGCTCCACCACCTGCATTCTCAGGGGAAATTCACCGAGACATTAAGGGTGCC
 AACCTTCTGCTCACTCTGCAGGGTGATGTCAAGCTGGCGGACTTTGGGGTGTAGGCGAGCTGACAGCAT
 CTGTGGCCAAAAGACGTTCTTTTCATTGGCACTCCATACTGGATGGCACCAGAGGTTGCCGCTGTGAACG
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 CCAAGCTAAGAGATAAGACGCGTTGGACCCAGAATTTCCACCATTCTCTAAGCTGGCCCTAACCAAGAA
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 CTCTCACCCAGCTCCTCGACAAGGCCAGTGACCCCCACCTGGGAACCTCTCCCTGAAGACAGTGAGC
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 CTCCGAGATCCAGTTTACCAAGTGAATTCGGTGCTCCTCGCCGGAAGGAGACAGATCCTCTCAATGAA
 CCGTGGGAGGAGAGTGGACGCTCCTGGGAAAAGGAACTGAGTGGGAGCCTGCTGCAGTCAGTCCAGG
 AGGCCCTGGAGGAAAGGAGCCTGACTATCCGGCCAGCCTTAGAACTCCAGGAGCTGGACTCCCCGGATGA
 TGCCATCGGAACCATCAAACGGGCTCCATTTTGGGGCTGCCCCACACTGAGTCAACATCTGGTGACAAT
 GCCCAGTCTGTCTCCCAAGTACCTGTGAGCACCTCCAGCTGGCCCTGGCAGCCCCGATTGCTGCCTA
 CCGCTGGGCTACTCTGAAGCAACAGGAGGATCGTGAGCGATCATCCTGCCATGGGCTTCTCCACCCC
 CAAGGTGCACATGGGTGCCTGCTTCTCAAGGTCTTCAATGGTGCCCCCTGCAGATCCATGCTGCTGTC
 ACTTGGGTTTACCCTGTGACTCGAGACCACTTCTGGTGGTAGGGGCTGAGGAGGGCATCTATACCCTCA
 ACCTGCACGAAGTGCACGAGGACACAATGGAGAAGCTCATCTCCAGCGCTGCTCCTGGCTCTACTGTGT
 GAACAATGTGTTGCTGTGCTCTCAGGAAATCCACACATATCTGGGCGCATGACCTCCCGGCTGTTT
 GAGCAGCGAAGGCTGCAGCACAGGACCCCTCTCCATCCCTACCAACCGCATCACTCAGCGCATCATCC
 CCAGGGCCTTTGCCCTGTCCACCAAGATTCTGACACCAAGGCTGCTTGCAAGTCCCGTGTGGTTGAAA
 CCCCTATACCGGCACTACGTTCTGTGCTGGCCGCCCTGCTGCCAGCCTGCTTCTGCTGCAATGGTATGAG
 CCACTGCAGAAATTCCTGCTGCTGAAGAACTTTTCCAGTCCCTTGCCAGCCAGCGGGGATGCTGGAGC
 CGCTGGTGCTAGATGGGAAGGAGCTGCCACAGGTGTGTGTGGGCGCCGAGGGACCCGAGGGACCCGGCTG
 TCGAGTCTGTTCATGTCTTGGCCCTGGAAGCTGGCCTGACTCCAGACATCCTCATCCCTCCTGAGGGG
 ATCCAGGTTCTGCACAGCAGGTGATCCAAGTGACAGGGACACAGTCTGGTCACTTTGAACGCTGTG
 TGAGACTGTGGTGTCTGCAGGATAGTGTGCTGGCGTTCTGGAGCCATGGCATGCAGGGCCGAAGCCTC
 GATACCAACGAGGTGACGCAGGAGATAACAGATGAGACCAGGATCTTCCGAGTACTGGGGGCTCACAGGG
 ACATCATCTGGAAGCATCCCAACTGATAACCCCGGGGCACACAGCAACCTCTACATCCTCACGGGTCA
 CCAGAGCAGCTAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR217131 representing NM_009006 Red=Cloning site Green=Tags(s) MALLRDVSLQDPRDRFELLQRVGAGTYGDVYKARDTVTSELA AVKIVKLDPGDDISSLQQEITILRECRH PNVVAYIGSYLRNDRLWICMEFCGGGSLQEIIYHATGPLEERQIAYVCREALKGLHHLHSQGIHRDIKGA NLLLTQLQGDVKLADFGVSGELTASVAKRRSFIGTPYWMAPEVA AVERKGGYNELCDVWALGITAIELGEL QPPLFHLHPMRALMLMSKSSFQPPKLRDKTRWTQNFHHFLKLALTKNPKKRPTAERLLQHPFTTQHLPPA LLTQLLDKASDPHLGTLSPEDSELETHDMFPDTIHSRSHHGPAERTPSEIQFHQVKFGAPRRKETDPLNE PWEEEWTLGKEELSGSLLQSVQEALEERSLTIRPALELQELDSPDDAIGTIKRAPFLGLPHTESTSGDN AQSCSPGTL SAPPAGPGSPALLPTAWATLKQEDRERSSCHGLPPTPKVHMGACFSKVFNGCPLQIHA AV TWVHPVTRDQFLVVGAEEGIYTLNLHELHEDTMEKLISQRCSWLYCVNNVLLSLSGKSTHIWAHDLPGLF EQRRLLQHQAPLSIPTNRITQRIIPRRFALSTKIPDTKGCLQCRVVRNPYTGSTFLAALPASLLLLQWYE PLQKFLLLKNFSSPLPSPAGMLEPLVLDGKELPQVCVGAEGPEGPGCRVLFHVLPLEAGLTPDILIPPEG IPGSAQQVIQVDRDVLVSFERCVRIVNLQGEPTAALAPELTFDFTIETVVCLQDSVLA FWSHGMQGRSL DTNEVTQEITDETRIFRVLGAHRDIILES IPTDNPGAHSNLYILTGHQSSY SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009006
ORF Size:	2463 bp
Buffer:	PBS with 0.001% Pluronic F2581
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_009006.2, NP_033032.1</u>
RefSeq Size:	2466 bp
RefSeq ORF:	2466 bp
Locus ID:	26412
UniProt ID:	<u>Q61161</u>
Cytogenetics:	19 A
MW:	91.7 kDa