

Product datasheet for **MR223494A1V**

Mouse Map2k2 (NM_023138) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Map2k2 (NM_023138) AAV Particle
Tag:	Myc-DDK
Symbol:	Map2k2
Synonyms:	AA589381; MEK2; MK2; Prkmk2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR223494 representing NM_023138 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGGCCCGGAGGAAGCCGGTGTACCGGCACTCACTATCAACCCTACCATCGCCGAGGGCCCGTCCC
CCACCAGCGAGGGCGCCTCTGAGGCAAACCTGGTGGACCTCCAGAAGAAGCTGGAAGAGCTGGACCTGGA
TGAGCAGCAAAGGAAGCGGCTGGAGGCCTTCTTACCCAGAAGGCTAAGGTCGGTGAGCTCAAGGACGAC
GACTTTGAGAGGATCTCAGAGCTGGGTGCCGCAATGGCGGAGTGGTCACCAAGGCCCGGCATAGGCCGT
CAGGCCCTCATCATGGCCAGAAAGCTGATCCACCTGGAGATCAAACCGGCCGTGCGCAACCAGATCATCCG
GGAGCTGCAGGTGCTGCACGAGTGCAACTCGCCCTACATCGTGGGCTTCTATGGGGCCTTCTACAGCGAC
GGCGAGATCAGCATCTGCATGGAGCACATGGATGGTGGCTCACTGGACCAGTACTGAAGGAGGCCAAGC
GGATTCTGAAGACATCTTGGGGAAGGTCAGCATTGCGGTGCTCCGGGGCCTGGCCTACCTCCGAGAGAA
GCACCAGATCATGCACAGAGATGTGAAGCCCTCCAACATCCTGGTGAACCTCTCGCGGGGAGATTAAGCTG
TGTGACTTCGGGGTGAGCGGCCAGCTGATCGACTCCATGGCCAACTCGTTGTAGGGACGCGCTCCTACA
TGTCCCAGAGCGGCTGCAGGGCACCCACTACTCTGTGCAGTCGGACATCTGGAGCATGGGGCTGTCGCT
GGTGGAGCTGGCCATCGGGAGGTATCCATTCCCCACCTGATGCCAAGGAACTAGAGGCCAGCTTTGGC
CGGCCTGTGGTGGACGGGCAGACGGAGAACCCCATAGTGTCTCCCCAGGCCAGGCCCCCTGGACGCC
CCATCAGTGATAGGTATGGGATGGACAGCCGACCGCCATGGCCATCTTTGAGCTGCTGGACTACATAGT
GAACGAGCCACCTCCCAAGCTGCCCAGTGGTGTGTTCACTCAGACTTCCAGGAGTTTGTGAATAAATGT
CTCATTAAGAACCAGCAGAGCGAGCAGATCTGAAGCTGCTGATGAACCACGCCTTCATCAAGCGCTCTG
AGGGGGAGGAAGTGGACTTCGCCGGCTGGCTGTGCAGAACCTGCGGCTGAAGCAGCCCAGCACACCCAC
GCGGACTGCACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR223494 representing NM_023138 Red=Cloning site Green=Tags(s) MLARRKPVLPALTINPTIAEGPSPTSEGASEANLVDLQKKLEELDLDEQQRKLEAFLTQKAKVGELKDD DFERISELGAGNGGVTKARHRPSGLIMARKLIHLEIKPAVRNQIIRELQVLHECNSPYIVGFYGAFYSD GEISICMEHMDGGSLDQVLKEAKRIPEDILGKYSIAVLRGLAYLREKHQIMHRDVKPSNILVNSRGEIKL CDFGVSGQLIDSMANSFVGTRSYMSPERLQGTHYSVQSDIWSMGLSLVELAIGRYPIPPDAKELEASFG RPVVDGADGEPHSVSPRPPGRPI SVGHGMDSRPAMAI FELLDYIVNEPPPKLP SGVFS SDFQEFVNKC LIK NPAERADLKLLMNHAFIKRSEGEEVDFAGWLCRTLRLKQPSTPTRTAV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_023138
ORF Size:	1203 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_023138.4
RefSeq Size:	2387 bp
RefSeq ORF:	1206 bp
Locus ID:	26396
UniProt ID:	Q63932
Cytogenetics:	10 39.72 cM
MW:	44.9 kDa