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Product datasheet for MR206149A1V

Mouse Map2k1 (NM_008927) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: Map2k1

Synonyms: MAPKK1; Mek1; MEKK1; Prkmk1

Mammalian Cell Selection: None

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>MR206149 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCAAGAAGAAGCCGACGCCCATCCAGCTGAACCCGGCCCCCGATGGCTCGGCGGTTAACGGGACCA
GCTCGGCCGAGACCAACCTGGAGGCCTTGCAGAAGAAGCTGGAGGAGCTGGAGCTTGACGAGCAGCAGCG
GAAGCGGCTCGAGGCCTTTCTGACGCAGAAGCAGAAGGTGGGGGAACTGAAGGATGATGACTTTGAGAAG
ATCAGCGAACTGGGAGCTGGCAACGGTGGAGTGGTCTTCAAGGTCTCCCACAAGCCATCTGGCCTGGTTA
TGGCTAGAAAGCTGATCCACCTGGAGATCAAACCCGCAATCCGGAACCAGATCATCCGGGAGCTGCAGGT
ACTGCACGAGTGCAACTCCCCGTACATCGTGGGCTTCTACGGGGCCTTCTACAGCGACGGCGAGATCAGC
ATCTGCATGGAGCACATGGATGGTGGGTCCTTGGATCAAGTTCTGAAGAAAGCTGGAAGAATTCCTGAGC
AAATTTTAGGAAAAGTTAGCATTGCTGTGATAAAAGGCCTGACCTATCTTCGGGAGAAGCACAAGATTAT
GCACAGAGATGTCAAGCCATCCAACATTCTAGTGAACTCACGTGGGGAGATCAAACTCTGTGATTTTGGG
GTCAGCGGGCAGCTAATTGACTCTATGGCCAACTCCTTCGTGGGCACGAGATCCTACATGTCGCCTGAGA
GACTCCAGGGGACTCACTACTCTGTGCAGTCGGACATCTGGAGCATGGGGCTCTCTCTGGTGGAGATGGC
AGTTGGGAGATACCCCATTCCTCCTCCTGATGCCAAGGAGCTGGAGCTACTGTTTGGATGCCATGTGGAA
GGAGACGCAGCCGAAACACCACCCAGGCCAAGGACCCCTGGGAGGCCTCTCAGCTCATATGGAATGGACA
GCCGACCTCCCATGGCAATTTTTGAGTTGTTGGATTACATTGTCAATGAGCCTCCTCCAAAACTGCCCAG
TGGAGTATTCAGTCTGGAGTTTCAGGATTTTGTGAATAAATGCTTAATAAAGAACCCTGCAGAGAGAGCA
GATCTGAAGCAGCTCATGGTACATGCTTTCATCAAAAGATCTGACGCCGAGGAGGTAGACTTCGCAGGCT
GGCTCTGCTCCACCATTGGGCTTAACCAGCCCAGCACACCAACCCACGCTGCCAGCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

>MR206149 protein sequence
Red=Cloning site Green=Tags(s)

MPKKKPTPIQLNPAPDGSAVNGTSSAETNLEALQKKLEELELDEQQRKRLEAFLTQKQKVGELKDDDFEK
ISELGAGNGGVVFKVSHKPSGLVMARKLIHLEIKPAIRNQIIRELQVLHECNSPYIVGFYGAFYSDGEIS
ICMEHMDGGSLDQVLKKAGRIPEQILGKVSIAVIKGLTYLREKHKIMHRDVKPSNILVNSRGEIKLCDFG
VSGQLIDSMANSFVGTRSYMSPERLQGTHYSVQSDIWSMGLSLVEMAVGRYPIPPPDAKELELLFGCHVE
GDAAETPPRPRTPGRPLSSYGMDSRPPMAIFELLDYIVNEPPPKLPSGVFSLEFQDFVNKCLIKNPAERA
DLKQLMVHAFIKRSDAEEVDFAGWLCSTIGLNQPSTPTHAASI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_008927

ORF Size: 1179 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_008927.2

RefSeq Size: 2387 bp

RefSeq ORF: 1182 bp

Locus ID: 26395

UniProt ID: P31938

Cytogenetics: 9 34.55 cM

MW: 43.5 kDa

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