

Product datasheet for **MC219719**

Map3k2 (NM_011946) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k2 (NM_011946) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map3k2
Synonyms:	9630061B06Rik; AI585793; Mekk2; Mekk2b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219719 representing NM_011946
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGATCAGCAAGCTTTGAATTC AATCATGCAAGATTTGGCTGTCCTTCATAAGGCCAGTCGGCCAG
 CATTATCTTTACAAGAAACCAGGAAAGCAAACCTTCATCACAAAAAACAGAATGATGTTTCGAGTCAA
 ATTTGAACATAGAGGAGAAAAAGGATCCTGCAGGTTACTAGACCAGTTAACTAGAAGACCTGAGATCT
 AAGTCTAAGATCGCCTTTGGCAGTCTATGGATCTACACTATACCAACAATGAGTTGGTAATTCGGTTAA
 CTACCAAGATGACTTGGACAAAGCTGTGGAAGTCTGGATCGCAGTATTCACATGAAGAGTCTCAAGAT
 ATTACTTGTAGTAAATGGGAGTACACAGGCTACTAATTTAGAACCATCACCGTACCAGAAGATTTGAAT
 AATACACCACTTGGTGCAGAGAGGAAAAAGCGGCTATCTGTAGTAGGTCCTTAATAGGGATAGAAGTT
 CCCCTCCTCCAGGATACATTCAGACGAGCTACACCAGATTGCCCGGAATGGGTCATTCCTAGCATCAA
 CAGTGAAGGAGAGTTCATTCCAGAGAGCATGGACCAAATGCTGGATCCATTGTCTTTAAGCAGCCCTGAA
 AATTCTGGCTCAGGAAGCTGTCCGTCACTTGATAGTCCTTTGGATGGAGAAAGCTACCCAAAATCACGGA
 TGCCTAGGGCACAGAGCTACCCAGATAATCATCAGGAGTTTACAGACTATGATAACCCCATTTTTGAGAA
 ATTTGGAAAAGGAGGAACATATCCAAGAAGGTACCACGTTTCCTATCATCACAGGAGTATAATGACGGT
 CGGAAGACTTTTCCAAGAGCTAGAAGGCCAGGGCACCAGTTTCCGGTCTCCTGTGAGCTTCAGTCCTA
 CTGATCACTCCTTAAGCACTAGTAGTGGAAAGCAGTGTCTTTACCCAGAGTATGACGACAGTCAATAAG
 AAGACGGGGGAGTGACATAGACAATCCTACTTTGACTGTCACAGACATCAGCCCACCCAGCCGTTACCT
 CGAGCTCCGACCAACTGGAGACTGGGCAAGCTGCTTGGCCAAGGAGCTTTTGGTAGGGTCTACCTCTGCT
 ATGATGTTGATACCGGAAGAGAGCTGGCTGTTAAGCAAGTTCAGTTTAAACCCTGAGAGCCAGAGACCAG
 CAAGGAAGTAAATGCACCTTGAGTGTGAAATTCAGTTGTTGAAAAAATCTGTTGCATGAGCGAATTGTTCA
 GATTATGGCTGTTTGGAGGATCCTCAGGAGAAAACTTTCCATCTTTATGGAGTATATGCCAGGGGTT
 CAATTAAGGACCAACTAAAAGCCTACGGAGCTCTTACTGAGAACGTGACGAGGAAGTACACCCGTCAGAT
 TCTGGAGGGGTCCATTATTTGCATAGTAATATGATTGTCCATAGAGATATCAAAGGAGCAAATATCTTA
 AGGGATTCACAGGCAATATCAAGTTAGGAGACTTTGGGCTAGTAAACGGCTTCAGACCATCTGTCTCT
 CAGGCACAGGAATGAAGTCTGTACAGGCACGCCATACTGGATGAGTCTGAGGTCATCAGTGGAGAAGG
 CTATGGAAGAAAAGCAGACATCTGGAGTGTAGCATGTACTGTGGTAGAAATGCTAACTGAAAAGCCACCT
 TGGGCTGAATTTGAAGCAATGGCTGCCATCTTTAAGATCGCCACTCAGCCAACGAACCCAAAGCTGCCAC
 CTATGTCTCAGACTATACTCGGACTTCTCAACGGATTTTTGTAGAGGCCAAACTTCGACCTTCAGC
 GGAGGAGCTCTTGCGGCACATGTTTGTGCATTATCACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_011946
- Insert Size:** 1860 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_011946.3](#), [NP_036076.2](#)

RefSeq Size: 10791 bp

RefSeq ORF: 1860 bp

Locus ID: 26405

Cytogenetics: 18 B1