

Product datasheet for **MC222759**

Map3k10 (NM_001081292) Mouse Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Map3k10 (NM_001081292) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Map3k10 |
| Synonyms: | BC028668; BC046514; Mlk2; MST |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC222759 representing NM_001081292
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGAGGAGGGGGCGGCCAGAGAGTGGGGCGACCCCGGGGCCAGTGTGGACCGCC
 TGTTGACTACGAGGCGGTGGGCGACGAGGAGCTGACCCTGCGGAGAGGGGACCGCGTCCAGGTGCTTTC
 CCAGGACTGTGCGGTGTCTGGAGATGAGGGCTGGTGGACAGGGCAGCTGCCACGGCCGTGTGGGCGTC
 TCCCCAGCAACTACGTGGCCCCGCTGCACCCGCCACCCCTCAGACCTCCAGCTGCCACAGGAGATCC
 CCTTCCACGAGCTGCAGCTGGAGGAGATCATCGGTGTGGGGGCTTTGGCAAAGTCTATCGCGCCGTATG
 GCGTGGAGAGGAAGTAGCGGTCAAGGCCGCTCGGCTGGACCTGAACGGGACCCGGCAGTGACAGCGGAG
 CAGGTCCGCCAGGAGGCCCGCTCTTTGGAGCCCTGCAGCACCCCAACATCATTGCCCTGAGGGGCGCT
 GCCTCAGCCCCCAAACCTCTGCCTGGTATGGAATATGCTCGGGGAGGTGCATTGAGCAGGGTACTGGC
 AGGTGCGCGGGTCCCCCTCATGTGCTGGTCAACTGGGCTGTGCAGGTGGCTCGGGGCATGAACTATCTA
 CACAATGATGCCCTGTGCCATCATTCACCGGACCTCAAGTCCATCAACATCCTAATCCTGGAGGCCA
 TTGAGAACCACAACCTCGCTGACACGGTCTCAAGATCACAGACTTCGGCCTTGCCCGAGAGTGGACAA
 GACGACAAAAATGAGTGCAGCGGGACCTACGCCTGGATGGCTCCTGAGGTTATCCGCTGTCCCTTTC
 TCCAAAAGCAGCGACGTCTGGAGCTTCGGGGTCTTCTTTGGGAGCTGCTGACCGGGGAGGTCCCCTACC
 GAGAAATCGACGCTTGGCCGTGGCTTACGGTGTGGCTATGAACAAGCTGACGCTACCCATCCCCTCCAC
 GTGCCCGAGCCCTTTGCCCGCTACTGGAGGAATGCTGGGACCCAGACCCTCACGGGCGACCAGATTTT
 GGCACATCCTGAAGCAGCTGGAGGTATCGAGCAGTACGCCCTGTTCCAGATGCCACTGGAGTCCCTCC
 ACTCCCTGCAGGAAGACTGGAAGCTGGAGATTGAGCATATGTTTTGATGACCTTCGGACCAAGGAGAAGGA
 GTTGCGCAGCCGGGAAGAGGAGCTATTGCGGGCTGCACAGGAGCAGCGTTTTTCAGGAAGAGCAGCTACGG
 CGTCCGGAGCAGGAGCTGGCAGAGCGAGAGATGGACATCGTAGAACGTGAGCTGCACCTGCTCATGAGCC
 AGCTGAGCCAGGAGAAGCCAGGGTCCGAAAACGCAAGGGCAACTTCAAGCGCAGCCGCTTGCTCAAGCT
 ACGGGAAGGAAGCAGCCACATCAGCCTGCCCTCTGGATTTGAACATAAGATCACCGTCCAGGCTCCCCA
 ACCCTGGACAAGAGGAAAGGATCCGATGGGGCCAGCCCTCCTGCCAGCCCAGCATATTCCCCGGTTGA
 GGGCCATTCGATTGACTCCCATGGACTGTGGTGGCAGCAGTGGTGTGGAACATGGAGCCGAGTGGGCC
 ACCAAAGAAGGAAGAAGTGGTTGGGGCAAGAAGAAAGGCAGGACATGGGGCCCCAGTTCACCTTTGCAG
 AAGGAGCGAGCTGGAGGAGAGGAGGCTCAAGGCCCTGGGGGAAGGAAGCAAGCAGTGGTCTCGAGCG
 CCCCCAACCTGGGCAAAATCCCCTAAGCACACCCCATGGCCCCAGGCTTCGCCAGCTCAACGAGATGGA
 AGAATTTGCGGAGGCAGATGAAGGCAACAACGTGCCCCCTTCTCCCTACTCCACCCCGTCTACCTCAAG
 GTGCCTCTGCCCGCCGAGCCTTCTCCTTGTGTTACAGGCGCTTGGGAGCCGCCGGCTGTACCCCTTCCC
 GGCCAGGACACGGAGCTCGTAGGCGCTGCGACCTGGCGCTGCTAAGCTGTGCCACGCTGTGAGTGGGT
 GGGCCTGGGGCCGACGTGGCCGAGGCACGGCCGGGGACGGTGGAGGAGCAGCGCGCTGGCTGGACAGT
 CTCTTCTCCCGCGCCCCGGCCGCTTCCCTCGCGGTCTCAGCCCAACCGGGCGCCCCGGAGGTCCCGCG
 AAGACACAGCCCCAGGCTTGGGTCTGGCACCCCTCGGCCACCCTGGTGTCAATTATCCTCTGTATCGGATT
 TAACCTACGCGCTCATTGCTGCGCTCTGACAGTGACGAGGCTGCCCTGCCGCCCTCCCCCGCGCT
 TCTCCGCTCGCGCCTCACCCAGCACCAATCCTCTCGTGGACGTGGAGTTGGAGAGCTTCAAGAAGGACC
 CCCGGCAGTCACTTACGCCACCCACGCTACTGCCGCCACGCTGTGAGCCGTGGACACAGGCGGACGCC
 ATCAGATGGGGCTTTGAGACAACGGGAGCCTCTGGAGCTACCAACCACGGACAGGGTCTCGAGACCCC
 CTGGACTTCCCTCGACTGCCGACCCCCAGGCCCTGTTCCCTACCCGACGCCGGCCCTGGAGTTCCTG
 GCCGCCACCACCCTCACTTTTGGCCGACACTCAGCATCTCGCTCCAAGCAGGCCAGACTCCAGAGAGCCCT
 GAAACTGGTCTCCTTTGGCCGACACTCAGCATCTCGCTCCAAGCAGGCCAGACTCCAGAGAGCCCT
 GGGCCCCCAGCGTGAACCCACGTTGCTGGACATGGACATGGAGGGCCAGAGCCAGGACAATACAGTGC
 CCTATGTGGGTCTATGGCTCTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

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|-------------------------------|---|
| ACCN: | NM_001081292 |
| Insert Size: | 2829 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: | <ol style="list-style-type: none"> 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: | <u>NM_001081292.1</u> , <u>NP_001074761.1</u> |
| RefSeq Size: | 3690 bp |
| RefSeq ORF: | 2829 bp |
| Locus ID: | 269881 |
| Cytogenetics: | 7 A3 |
| Gene Summary: | Activates the JUN N-terminal pathway.[UniProtKB/Swiss-Prot Function] |