

Product datasheet for **MC224166**

Map3k6 (NM_016693) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Map3k6 (NM_016693) Mouse Untagged Clone
Tag: Tag Free
Symbol: Map3k6
Synonyms: Ask2; MAPKKK6; MEKK6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224166 representing NM_016693
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCCATGTCCTGGGGCCGGGTTCTAGAACGGGCGGGCAGCTGCTGGCAGGACCCGCTGGCGG
AGGCGCTGAGCCGGGGCCGCTCGTCTCCTGCGGTACGGGTGGGGCTGCGCGGGAGCCGGCCTCTCAG
TGTGGTCTACGTGCTGACCCGGGAGCCGGGCTCGGGGTGGAGCCGGGTGGGAACCGAGGAGAGCCG
CTGCCGTTGCGATGCCTGCGCGAGGCCTGCGCTCAGCTCCAGGGCACACGCCACCCCGCAGCTACGCA
GCCTACCCTTTGGCAGCGCTGGCGTAGGCGACACCGCTGCGCTGGACTCCTTCTACAACGCGGATGTAGT
GGTGTGGAGGTGAGCAGCTCCCTGGCAGACGCTTCTTGTCTACCACCTCGGCGTGCCTGAGAGCTTC
AGCATGACCAACAACGTGCTCCTCTGTTCCAGGCAGAGCTCCCTGATCTGCAGGCCCTTCGTGAGGATG
TTTTCCAGAAGAAGCTCGGATTGTGTTGGCAGCTACACACTGATTCCTTATGTGGTGACAGCCACTGGCCG
GGTCTTATGTGGCGATGCAGGCCCTCCTGAGGGGCATAGCCGATGGGCTAGTACAGGCTGGGGCGGGCACT
GAAGCCCTCCTCACTCCCTGGTGGGCCGGCTTGTCCGTCTGTTGGAGGCTACACCCACAGACTCTTGGC
GCTATTTCCGGGAGACCATTTCGTCAGGATATCCGGCAGGCTCGGGAGCGATTTCAGTGGGAGCAGCTGAG
GCAGGAGCTGGCTCGCCTGCAGCGAGGCTGGACAGCGTGGAGCTGCTGAGCCCTGACATTGTATGAAT
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CAGGCCTGGGACCGGGAGAAAGCCCTGGCTGTCTGCTGCCATTGGTGAAGTATGAAGTCCCCTGGCT
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GCCACCTGGAGCAGGCCATCACTGGTACCGCAAGGCGTTTGTGTTGGAGCCAGCCTGCACTCAGGCAT
CAATGCAGCTGTTCTCCTCATTGCAGCTGGCAGCATTTCGAAGACTCTGAGGAGCTCCGGCTGATTGGC
ATGAAGCTGGCCTGCCTGCTAGCCCGCAAAGGCTGTGTGGAGAAGATGCAGTACTACTGGATGTGGGAT
TCTACCTGGGAGCCAGATTCTTGCCAACGACCCATCCAGGTGGTGGCTGCTGAGAGCAACTGTACAA
GCTTAATGCCCCATTTGGTACTTGGTCTCCGTGATGGAGACCTTCTACTGTACCAGCATTTACAGCC
ACACCAGAGCCCTCAGGAGGACCCCGCTGCGAGCTCACTTCTGGCTCCACTTCTGCTACAATCTTGCC



AGCCTTCAAGATGGCTCCTCCTCAGGAGGACCAAGTGCCTGGTACTGGTCTGGAGATAAACAAGGTCTCT
 GCTGCCTGCCAGGCTTGAGATTCAGGGAACAGACCCCGTGAGCACAGTGACCCTAAGCTTCTGGACCCA
 GAGACTCAGGAGGATCCTTCCAGCTGGACCTTCCAGTCACTCCATCTGTGGGATCAGCACCTCCAAGC
 TGGACCAGCGTCTGCTTCTGTACGCACTTCTCCGGCCAGGACGTCCAGCTGTGCTTCCAGTGT
 GGAGCGTGCAGCGTTCTGTGGCCTAATTCAGGTCTTGGTGATGAATCCGGATTCCTCCGCGCCACT
 GAGGAGGCAGAAGGCCAAGGGAGGTGCTGGAGTTTGATTATGAATACTCGGAGACTGGTGAGCGGCTGG
 TGTTGGCAGAGGCACGTATGGGTGGTGTATGCTGGCCGAGACAGGCACACGAGGTACGAATCGCCAT
 CAAGGAGATCCCAGAGAGAGATAGCAGATTCTCTCAGCCTCTGCATGAAGAGATCGCTCTTCAAAACGA
 CTTCTGTCATAAGAATATTGTGCGTTATCTGGGCTCAGCCAGCCAGGGCGGCTACCTCAAGATCTTATG
 AGGAAGTGCCTGGAGGCAGCCTGTCTCTCTGCTTAGGTCACTGTGGGACCCCTAAAGGACAACGAGAG
 CACTATTAGCTTCTATACAGTCAAGTCTTACAAGGACTCAGCTACCTCCATGAGAACCCTATCGTTTAC
 AGAGACATCAAGGGAGACAATGTTCTGATCAACACCTTCAAGTGGGCTGCTCAAGATTTCTGACTTTGGCA
 CCTTAAGCGGCTGGCAGGCATCACACCGTGCACGGAGACTTTCACAGGGACTCTGCAGTATATGGCCCC
 GGAATCATCGACCAGGGCCCGGAGGATATGGGAAGGCAGCTGACATCTGGTCTCTGGGCTGCACTGTA
 ATCGAGATGGCAACAGGTGACCCCTTCCATGAAGTGGGAGCCCTCAGGCTGCGATGTTTCAGGTGG
 GCATGTACAAGGTACATCCACCGTGCACCGGTTCCCTGTGAGCTGAGGCCAAGCCTTCTCTCCGAAAC
 TTTTGGCCAGATCCCGCCTCCGAGCCAGTGCCTCAAGAGCTGCTGGGAGACCCCTTCTTCCAGCCAGGA
 AAGAGGAGCCGACGCGGGGCTCTCTCGGCATACTCCCGGCCCTCAGGCGCCCTTCCGGTCTTCCA
 GTCCTTCACTGACTCAGCCACACAGTCTCAGACATTCCTCAAGGCCCCAGGCACCCTCTCAGCACCACC
 CAGCCCCCAAGCGTGCCTTAGTTATGGGGACACCAGTCACTCCGTGTGCCGAGGAGCCCGCTGCC
 GAGGAACCCGCTCCCGAGAAGAGATTCAGGCCTGAGTCTGTGCAACAGGAGCAAGCGCCGGGCCA
 TGCTGGCTGCGGTGCTGGAACAGGAGGTGCCACACTAGCAGAGAATCTCTGGAACAGGAACAGGACTC
 TCGACTCAGCAAGATTCATGTGGAATCTGCTTCCGGTGCCTTGGGGCACAAATCCACACTCCTAACCCG
 CCGCAGCTGGCCAGGAGCTGCGGACCCCTGCAAGCTCAGCTGCGGGCCAGAGCCTGGGCCCTGCGCTTT
 TGAAAGGGCCGCTCTTCCGCTTTCCAGACGCGGTGAAGCAGATCTCCGAGACGCCAGATCCGCCCCACA
 CTGGATGTTCTGTTGGACTCGCTGCTCAGCCGTGCACTCCGGCGGCGATGGCGGTGCTGGACGCGGAG
 TCGGAGAAGAAAGCGGTCTTACCAGGTGAGAAGTCAAGTAAAGAGGAGTCCAGCAGAAACCTCAGG
 AGAGCCAGGCGTGCAGAGCCAGCTCCACCAGAGCAGGACCCCATCGTTGATGGTGGAGTTGGGCT
 TTTGCGAGCCGAGACTGACAGGCTTCCGGACCTTCTGGCTGAGAAGAACGTGAGTGCCAGGCGCTGGT
 CAACAGGCCCTGCATCGGTGCTGAGAGACCAGGAAGTATGCCCCAGCTTCCAGAGACCCAGCCACTC
 TCCAAAGGACCAGAACCTGGTGGGTGCTACAGGAAGTGAAGTCCAGCCACTATCCAAACGCT
 CCTGAGTCATAGCTTACCCTTCAAACCTGCTCACCTGTGCCACTCAAGATGATCTAGTGTACACCAGA
 ATCAGGGGAGGGATGGTATGCCGGATTTGGAGAGCCATCTTGGCACAGCGAGCAGGACCATCGGTCA
 CCCAGTACCCCGGGACGCTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_016693
- Insert Size:** 3876 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_016693.5](#), [NP_057902.5](#)

RefSeq Size: 4333 bp

RefSeq ORF: 3876 bp

Locus ID: 53608

Cytogenetics: 4 D2.3