

Product datasheet for MC224555

Map3k1 (NM_011945) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Map3k1 (NM_011945) Mouse Untagged Clone
Tag: Tag Free
Symbol: Map3k1
Synonyms: MAPKKK1; Mekk; MEKK1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224555 representing NM_011945
 Red=Cloning site Blue=ORF Orange=Stop codon

GCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGCCGAGATCTC
 AAGCTTAAGTACTAGCTAGCGGACCGAC

ATGGCGGCGGGCGGGCGATCGCGCTCGTCTCGGGATTCCCGGGCGCCGGCGGGCGAGTCCCAGG
 CGGGCGGGCGGGCGGAGGAGGAGCTCTCCAGGGAAGCGGCGCCCGCAGCGGGCGCGGGGGCT
 GCTGCGGGAGCCTGGCAGCGCGGGCCGCGAGCGCGGACTGGCGGGCGGGCAGCTGCGCAAAGTCCG
 AGTGTGGAGCTGGACCAGCTGCCGAGCAGCCGCTCTTCCTCGCCGCCGCTCGCCGCCCTGCCATCTA
 TTCCCGGTCCGCGGAGCCCGCGGACGCGGCTGCAGGAGCGAGTCCGTTCCAGCCCGCGGGACCGCC
 ACCCCCGGAGCGGGAGTCCGTCGCGGCTCCCACTCTGCCGAGCTGGCGGCCGCGGGACAGCGGCGCC
 CGGAGCCCGCGGGGGCCGAGCCGCCCTCTGCAGCGGCCCCCTCCGGTCGAGAGATGGAGAATAAGAAA
 CCCTCAAAGACTGCACAAGATGGAGGATCGCCCGGAGGAGAGATGATCCGGGAGAAGCTCAAGGCGAC
 CTGTATGCCCGCCTGGAAGCACGAGTGGTTGGAGAGGAGAACAGGAGAGGCCCTGTGGTGGTGAAGCCA
 ATCCCTATTAAGGAGATGGATCTGAAATGAATAACTTGGCAGCTGAGCCCAAGGAGAGGGCCAGGCAG
 GTTCCGCTGCACCAGCCCCAAGGGCCGACGAAGCCCATCTCTGGCAGCTCTCCGTGAGGGCGCTCGGT
 GAAGCCGGAATCCCAGGAGTGAGACGGAAACGAGTGTCCCGGTGCCTTCCAGAGTGGCAGAATCACA
 CCACCCGAAGAGCCCGTACCAGGATGGCTTCTCCCGTACAGCCAGAGGAGACGAGCCCGCGGTGA
 ACAAGTATGAGAGCCAGGCTGTACCTGCTGCAGCAGATAGGACCCAACTCTTTCCTGATTGGAGGAGA
 CAGTCCAGACAATAAATACCGGGTGTATTGGGCCACAGAACTGCAGCTGTGGGCGTGGAGCATTCTGT
 ATTCACCTCTTGTGTCATGCTCCGGTGTTCAGCTAGAACCCTCTGACCCCATGTTATGGAGAAAA
 CTTTAAAAAATTCGAGGTTGAGAGTTTGTTCAGAAATACCACAGTAGGCGTAGCTCGAGAATCAAAGC
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 ACATCCACATCTAGTTCAGAAAACAGCATCAAGGATGAAGAGGAGCAGATGTGTCCCATCTGCTTGTGG
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 GTCCATCTGGGCGGAAGAGTGTAGAAGAAATAGAGAGCCTTAAATATGTCCCTTTGTAGATCTAAGTGG
 AGATCCCATGACTTCTACAGCCATGAGTTATCAAGCCCGTGGAGTCCCCACCTCCCTGCGAGCTGCC



AGCAGCCATCCTCCCCACAGCAGCCCGTGGCCGGATCACAGCGAAGGAATCAGGAGAGCAGTTTTAACCT
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GGAATGGAACCGTTGGCTGCTATTCTCTAGAACTGGAACGTAAGGGAAATGGCCCTTAGGCGTCTTT
CCCACGACGTTAGTGGGGCCCTGTTGTTGGCAAACGGGGAGAGCACTGGAACCTCGGAGGCGGCAGTGG
GGGCAGCTTAAGCGCGGGAGCGCCAGCGGGTCTCCAGCCAGCATCTCAGGGGATGTGGTGGAGGCG
TGCTGCAGTGTCTGTCTATAGTCTGCGCTGACCCTGTCTACAAAGTGTACGTTGCTGCTTAAAAAAT
TGAGAGCCATGCTGGTATACACTCCTTCCACAGTCTGGCAGAAAGAATCAAACCTCAGAGACTCCTCCG
GCCAGTTGTAGACACTATCCTTGTCAAGTGTGACAGATGCCAACAGCCGCACGAGTCAGTGTCCATATCT
ACAGTGTGGAACCTGCAAGGGCCAAGCAGGAGAGCTGGCGGTTGGGAGAGAAATACTTAAAGTGGGT
CCATCGGGGTTGGTGGTGTGATTACGTTAAGTTGATCCTTGGAAACCAAGCTGAATCAAACAAGT
GCAAGAAGTGTGGTGCCTCTGTCTTAGACAGGTTGCTGTTGGAATTTCTGCTGAATTTCTATCCT
CATATTGTCAGTACTGATGTCTCACAAGCTGAGCCTGTTGAAATCAGGTACAAGAAGCTGCTCCTCCT
TAACCTTTGCCTTGAATCCATTGACAATCCCACTCGATGGTTGGCAAGCTCTCTCGGAGGATATATCT
GAGCTCTGCCAGGATGGTACCAGCAGTCCCGCTGTGTTTTCAAGCTGGTAACCATGCTTAATGCTTCT
GGCTCCACCCACTTACCAGGATGCGCCGGCTGTGATGGCTATCGCGGATGAGGTAGAAATGGCGAGG
TCATCCAGCTGGGTGTGGAGGACTGTGGATGGGCATCAGGACAGCTTACAGGTGCTGGCCCCGCCAG
CTGTCTAGAAAACAGTCCCTTGTAGCACACAGTCCATAGAGAGAAAAGTGGAAAAGGACTAAGTGTACG
AGACTGAGTGCCAGCTCGGAGGACATTTCTGACAGACTGGCCGGCGTCTCTGTAGGACTTCCAGCTCAA
CAACAACAGAACAACCAAGCCAGCGGTTCAAACAAAAGGAGCAGACCCACAGTCAAGTGTGAACTCCTC
CCCTTTGTCTCATGCTCAATTAATGTTCCAGCACCATCAGCCCTTGTTCCTCTGCCCGTCTGTCCCA
GATATTTCTAAGCACAGACCCAGGCAATTTGTTCCCTGCAAAATACCTTCCGCATCTCTCAGACACAGC
GCAAGTCTCTCTACAATCCAGAGGAACTGCTCTGAACACCGAGACTCAGACCAGCTCTCCCAAGTCTT
CACTCAGTCAAGGCCCCACCCTCCAGTAACATACACAGGCCAAAGCCATCCCGACCCGTTCCGGGCACT
ACAAGCAAAC TAGGGGACGCCACAAAAAGTAGCATGACACTTGATCTGGGCAAGTCTCCAGGTGTGACG
ACAGCTTTGGCGGCGGCCAACAGTGGCAACGCGCTCATACCCAGCGAAGAGACAGTGTTCACGCCGCT
GGAGGACAAGTGCAGGTTAGATGTGAACACCGAGCTCAACTCCAGCATCGAGGACCTTCTGAAGCATCC
ATGCCCTCAAGTGCACGACAGTCACTTCAAGTCCGAAGTCCCGTCTCTCTCCGAAAAGGCCGAAA
ATGACGACACCTACAAGACGACGTCATATAATCAAAGTGCAAAGAAAAGATGGAAGCTGAAGAGGA
GGAGGCTTTAGCGATCGCATGGCGATGTGAGCTCTCAGGATGCCCTCCCATCGTCCCTCAGTGCAG
GTGGAAAATGGAGAAGATATTATCATCATTGACGAGACACACCAGAACTTCCAGGACATACCAAAG
CGAAACAGCCTTACAGAGAAGACGCTGAGTGGCTGAAAGGCCAGCAGATAGGCCTCGGAGCATTCTTCT
CTGTTACCAAGCACAGGATGTGGGGACTGGGACTTAAATGGCTGTGAAACAGGTGACGTACGTGAGAAAC
ACATCCTCCGAGCAGGAGGAGGTGGTGAAGCGTTGAGGGAAGAGATCCGGATGATGGGTACCTCAACC
ATCCAAACATCATCCGGATGCTGGGGGCCAGTGCAGAGAAGGCAACTACAACCTCTTATTGAGTGGAT
GGCGGGAGGATCTGTGGCTCACCTCTTGTAGTAAATACGGAGCTTTCAAGGAGTCAAGTGCATTAAC
ACTGAGCAGTACTCCGTGGCCTTCTATCTCCACGAGAACCAGATCATTACAGAGACGTCAAAGGTG
CCAACCTGCTCATTGACAGCACCAGTGCAGAGGCTGAGAATTGCAGACTTTGGAGCTGCTGCCAGGTTGG
ATCAAAAGGAACCGGTGCAGGAGAGTCCAGGGACAGTACTGGGACAATTGCATTATGAAATGG
CTTGTGCAAAACCACCTTGAATGCAGAAAACACTCCAATCATCTCGCCTTGATATTTAAGATTGCTAG
CGCAACTACTGCACCGTCCATCCCGTACACCTGTCCCGGGTCTGCGGACGTGGCGTGCCTGCTTA
GAACCTCAGCCTCAGGACCGCCTCCGTCCAGAGAGCTGTGAAACATCCGGTCTTCCGTACCACGTGGT
AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: RsrII-MluI
ACCN: NM_011945
Insert Size: 4482 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:	NM_011945.2 , NP_036075.2
RefSeq Size:	6963 bp
RefSeq ORF:	4482 bp
Locus ID:	26401
Cytogenetics:	13 63.36 cM