

## Product datasheet for **MC206336**

### Map3k3 (BC023781) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k3 (BC023781) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map3k3
Synonyms:	MAPKKK3, mKIAA4031
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC023781  
 CCACGCGTCCGGCCGCTCCGCCATCGCCACCATGGATGAACAAGAGGCATTAGACTCGATCATGAAGGA  
 CCTGGTGGCCCTCCAGATGAGCCGACGAACCCGGTTGTCTGGATATGAGACCATGAAGAATAAGGACACA  
 GGTCACCCAAACAGGCAGAGTGACGTGAGAATCAAGTTTGAACACAATGGGGAGAGACGAATTATAGCAT  
 TCAGCCGGCCTGTGAGATACGAAGATGTGGAGCACAAGGTGACAACAGCTTTGGGCAGCCTCTTGATTT  
 GCATTATGAATAATGAGCTCTCCATCCTGTTGAAAAACCAAGATGATCTCGATAAAGCATTGACATT  
 TTGGATAGAAGCTCAAGTATGAAAAGCCTTAGGATACTACTGTTATCCCAAGACAGAAACCATACTAGTT  
 CCTCTCCCACTCTGGAGTGTCCAGGCAGGTTCCGATCAAGCCTTCCAGTCTGCAGGGGATATAAATAC  
 CATCTACCAAGCTCTGAGCCCAGAAGCAGGCACCTGTCTGTGAGCTCCCAAGCCTGGCCGAAGCTCT  
 CCTCCCCGGGATATGTACCTGAGCGACAACAGCACATTGCCCGCAAGGATCCTATACGAGCATCAACA  
 GCGAAGGTGAATTCATCCAGAGACCAGCGAACAGTGTATGCTAGATCCCTCAGCAGTGCCGAAAATTC  
 CTTGTCAGGAAGCTGCCAATCCTTGACAGGTGACGAGACAGCCCATCCTCAGGAAATCACAATGTCC  
 CGAGCCCGGAGCTTCCAGACAACAGAAAGGAATGCTCAGATCGGGAGACCCAGCTCTATGATAAAGGTG  
 TCAAAGGTGGAACCTATCCAGGCGCTACCATGTGTCTGTGCATCACAAGACTACAATGATGGCAGAAG  
 AACATTTCCCGAATACGACGGCATCAAGGCAACCTATTTACTCTGGTGCCTCAAGTCGCTCCTTGAGC  
 ACAAAATGGCGAGAACATGGGTGTAGCTGTGCAATACCTGGACCCCGTGGGCGCCTACGGAGTGCAGACA  
 GTGAGAATGCCCTCACTGTGAGGAAAGGAATGTGCCAACAAATCTCCTAGTGCTCCCATCAATTGGCG  
 TCGGGGAAGCTCCTGGGTCAAGGTGCCTTCGGCAGGGTCTACTTGTGCTATGATGTGGACACAGGACGT  
 GAACTTGTCTTAAGCAGGTCCAGTTTACCCAGATAGTCTGAGACAAGCAAGGAGGTGAGTGTCTGG  
 AGTGTGAGATCCAGTTGCTGAAGAACCTGCAGCATGAGCGCATTGTGCAGTACTACGGCTGCCTGCGGGA  
 CCGTGTGAGAAGATCCTCACCATCTTTATGGAGTATATGCCAGGGGGCTCTGTAAAAGACCAGTTGAAG  
 GCCTACGGAGCTCTGACAGAGAGTGTGACCCGCAAGTACACCCGGCAGATTCTGGAGGGCATGTCATACC  
 TGCACAGCAACATGATTGTGCATCGGGACATCAAGGGAGCCAATATCCTCCGAGACTCAGCTGGGAATGT  
 GAAGCTTGGGGATTTTGGGGCCAGCAAACGCCTACAGACCATCTGCATGTGAGGGACAGGCATTCGCTCT  
 GTCAGTGGCACACCCCTACTGGATGAGTCTGAAGTCATCAGTGGCGAGGGCTATGGAAGAAAGGCAGACG  
 TGTGGAGCCTGGGCTGTACTGTGGTGAAGTGTGACAGAGAAACCACCTTGGGCAGAGTATGAAGCTAT  
 GGCTGCCATTTTCAAGATTGCCACCCAGCCTACCAATCCTCAGCTGCCCTCTCACATCTCAGAACACGGC  
 AGGGACTCCTGAGGGCAGATTTTGTGGAAGCTCGTCAGAGACCCTCAGCTGAGGAGCTGCTCACACACC  
 ACTTTGCACAGCTAGTGTACTGAGCTCTCAAGGCTATGCAGCTGCCAGCTGCCACCTGCTGAGCAGGCAA  
 GGGGCTGTGTCAGGCTCAGTGAAGTTGCTGCTTCTTCCAGGCAAGGCTATGACCAGTGGAGCATCGGTC  
 CAGCCATTGTTTGTCTGTGCCCATCTGCCACTGGGACTCAAAGCCAGGATGGGATAGCTCTGGCATCAA  
 GACTGGGAGCTCCAGCCTGTAAGACCCAAGAGCTTTAGCACCTTAAGCTCAGTATGGCGGAAGGGCTGG  
 AAACAGTATGCAAGACTGCCATGGGTCCTGCCCTACCCCTCAGATGTGTCCTAACACTGCAGACAGCTGA  
 AGTCAAGAGGGACTGGGGCACAGGAGGTCTCAAGGGTATGAATAGTGTTACTTCATTGAGAGTGTACT  
 TTGTTTCTCTCCAATGTTTGGAGACCACAGCCTGTCTCTGGGCTGCAAGCCTGAGGTAAGGCCAGCA  
 TCCCCAGCCAACAGAAGGTAGAGGTTTGGGCTACCCCACTATAGCTTCCAGGATTCGGTGTGAGTCTCT  
 GTCTTACCAAAGATGAATGAAGCAAATGTTACTGCTTATTCTGGGAAGGAGGACTACTCGGATAAG  
 CAGGGCCTGAGAGATGGAGCTGCCTCCAGAACTGGGGAGACCCAGTCTTGTCAATGCAATTGTCTCTGT  
 TTTACAAGTTGGAGTCACTCTTATGCTGTTCCAGTTTTTAAACTGGAGACTTTGCCCTCTGAGCTCTGG  
 AGACCCATGTGGGCTTAGGCCTTGGACTGGATGGAAGAGCTGATGGCCTCTGCCCTTGGCTGCCCTCT  
 GTTCCCTCACTGGAGCAGAGAAAGTAGACAACACAAGTCAAGGCACCTGGTTCTGGGCAGCTCAGCAGAG  
 TGCAGGGGTTGTCTCAGGCTGTCTGCATCTCAAATCTGTGAGGCTGAGCCACTCCATGGGAAAGTCC  
 TTGAGCTGCCACAACCGTGTCCAAGCCACCAGCTGTGTTCTCAGCCGACCTGTCCACTGTGCATCAA  
 CCTCATTCCCTTCTTGTCTCCCAAAAGGAGGATGCCAGTAGGGGCTAGGGAAAGAGTTATCTCCAAG  
 CAGCTTAGAGTTGGCCATTTTACCTCAGCCTGGGTGCTGGTCTTTCTTCCAGCCCTTTCTTCCCTC  
 CAAATGTGCTATTTCTAGAGCTCCTCCTCCTAACTCCCAAATTTTGGGAGTTATCATTAAGGAAAG GAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC023781

**Insert Size:** 1881 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC023781</a> , <a href="#">AAH23781</a>
<b>RefSeq Size:</b>	3166 bp
<b>RefSeq ORF:</b>	1881 bp
<b>Locus ID:</b>	26406
<b>Cytogenetics:</b>	11 E1
<b>Gene Summary:</b>	Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators.[UniProtKB/Swiss-Prot Function]