

Product datasheet for **RN209109**

Map3k6 (NM_001107909) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Map3k6 (NM_001107909) Rat Untagged Clone
Tag: Tag Free
Symbol: Map3k6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209109 representing NM_001107909
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGCCGTGTCCCGGGCCGGGGTTCTAGAACGGGCGGGCAGCTGCTGGCAGGACCCCTGCGCGG
 AGGCGCTGAGCCGGGGCCGCTCGTCTCCTGCGGTGCGGGTGGGGCTGCGCGGAGCCGGCCCTCAG
 TGTGGTCTACGTGTTGACCCGCGAGCCCTGGACCCGGGGTGGAGCCGGGTGCGGAACCGAGGCGAGCCG
 CTGCCGCTGCGATGCCTGCGCGAGGCCCTGTGCTCAGCTCCAGAGCACGCGGCCACCCCGCAACTGCGCA
 GCCTGCCCTTTGCGACGCTGGCGCTAGGCGACACCGCTGCGCTAGACTCCTTCTACAACGCGGACGTAGT
 GGTGCTGGAGGTGAGCAACTCCCTGGCAGACCTTCTTGTCTACCACCTCGGCGTGCCTGAGAGCTTC
 AGCATGACCAACAATGTGCTCCTCTGTTCCAGGAGAGCTCCCTGACCTGCAGGCCCTTCGTGAGGATG
 TTTTCCAGAAGAACTCGGATTGCGTTGGCAGCTACACACTGATTCCTTATGTTGTGACAGCCACTGGCCG
 GGTCTTATGTGGCGATGCAGGCCCTCCTGAGGGCATAGCCGATGGGCTAGTACAGGCTGGGGTGGGCACT
 GAGGCCCTCCTCAGCCCTGGTGGGCCGGCTTGTCCGTCTCTGGAGGCCACACCCACAGACTCTTGCG
 GCTACTCCGGGAGACCATTGTCAGATATCCGGAAGGCACGGGAGCGGTTGAGCGGGCAGCAGCTGAG
 GCAGGAGCTGGCTCGCCTGCAGCGGAGGCTGGACAGCGTAGAGCTGTTGAGCCCCGACATCATATGAAT
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 CAGGCCCTGGGACCGTGAGAAGGCCCTGGCTGTCTTCTGCCATTGGTGAAGCATGAAGGCCCGGTGGCT
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 ATGAAGCTGGGCTGCCTGTTAGCCCGCAAAGGCTGTGTGGAGAAGATGCAGTATTACTGGGAGTGGGGT
 TCTACCTGGGAGCCAGATTCTTGCCAACGACCCCATCCAGGTGGTGGCTGCAGAACAATAACAA
 GCTCAATGCCCCATATGGTACTTGGTGTGAGTGTGAGACCTTCTTACTGTACCAGCATTTTCAGACCC
 ACACCAGAGCCCTCGGGAGGACCCGTGCTGCGAGCTCACTTTTGGCTCCATTTCTTGCTACAATCCTGCC
 AGCCTTTCAAGGCGACCCCTCCTCAGGAGGACAGTGCCTGGTACTGGTGGTGGAGATAAACAAGTTCT
 GCTGCCTGCCAGACTTGAGATTCAGGGAGCCGACCCCATGAGCGCAGTGACCCTAAGCTTGTGGAGCCA



GAGACTCAGGATGATCCTTCCAGCTGGACCTTCCCAGTCACCTCCATCTGTGGGATCAGCGCCTCCAAGC
 TGGACCAGCGTGTCTTCTGTACGCACTTCTCCGGCCAGGACGTCCAGCTGTGCTTTCCAGCGT
 AGAGCGCTGCCGGTGGTTCTGTAGCCAAATTCAGGTCTTGGTGATGAATCCAGATTCTCGGCGCCACT
 GAGGAGGCAGAAGGCACAAGGGAGGTGCTGGAGTTTGATTATGAATATTCGGAGACGGGTGAGCGGCTGG
 TGCTGGCAAAGGCACGTACGGGGTGGTGTATGCTGGCCGCGACAGGCACACGAGGGTACGAATCGCCAT
 CAAAGATCCCAGAGAGAGATAGCAGATTCTCTCAGCCTCTGCACGAGGAGATCGCTCTCCACAACGC
 CTTCCGCCACAAGAATATAGTGCCTATTTGGGCTCAGCCAGCCAGGGCGGCTACCTCAAGATCTTCATGG
 AGGAAGTGCCTGGAGGCAGCCTGTCTCTTGGCTTAGGTCAGTGTGGGGACCCCTAAAGGACAACGAGAG
 TACTATTAGCTTCTACACGCGTCAGATCCTGCAAGGACTTAGCTACCTGCATGAGAACCATTGTTTAC
 CGAGACATCAAGGGGACAATGTACTGATCAACACCTTCAGTGGGCTGCTCAAGATTTCTGACTTTGGCA
 CCTCAAGCGGCTGGCAGGCATCACACCCTGCACGGAGACTTTACAGGGACCCTGCAGTATATGGCCCC
 AGAAATCATTGACCAGGGCCACGAGGATATGGAAGGGCGGTGACATCTGGTCTCTGGGCTGCACTGTG
 ATTGAGATGGCCACAGGTTGGCCGCCCTTTCACGAACTAGGGAGCCCGCAGGCTGCCATGTTTCAGGTGG
 GCATGTACAAGGTACATCCACCAGTGCCAAGTTCCTGTGAGTGCAGGCCCCAAGCCTTCTCTCCGAAC
 TTTTGAGCCAGATCCCCGCTCCGAGCCAGTGCCAAGAGCTGTTGGGAGACCCCTTCTGCAACCAGGG
 AAGAGGAGCCGACGCCCTGGCTCTCTCGGCACACTCCCAGGCCCTCAGGCACCCCTTCCAGTACTTCCA
 GTCCTTACGTGACTCAGCCACACAGTCTCAGACATTCCTCAAGGCCCCAGGCACCCCTCTCAGCACCCACC
 CAGCCCTCCGAAGCGCTGCCTTAGTTATGGGGACACCAGTCCAGTCCGTGTGCCCGAGGAATCCGCTGCC
 GAGGAACCCGCGTCCCCAGAAGAGAGTTGAGCCTGAGCCTGCTGCACCAGGAGAGCAAGCGCCGAGCCA
 TGCTGGCTGCAGTGTGGAACAGGAGGTGCCATACTAGCAGAGAATCTCTGGATCAGGAACAGGATTC
 TCGACTCAGCAGGAATCATGTGGAATCTGCTTCGGTGCCTCGGGGCACAAATCCATACTCCTAACCGC
 CGGCAGCTGGCCAGGAGCTGCGGGCCCTGCAAGCTCAACTGCGGGCCAGAGCCTGAGCCCTGCGCTTT
 TGAAGGGCCGCTCTTCGCCTTCCAGACGCGGTGAAGCAGATCTCCGACAGCCAGATCCGCCACA
 CTGGATGTTTCGTGTTGACTCGCTGCTCAGCCGGCAGTCCGGGCGGCGCTGGCCGACTGGACGCGGAG
 GCAGAGAAGAAAGCGGTCTACCGAAGTCAGAGGAGTGGAGTCAAGGGGAGTCCCAGCAGAAACCCTGG
 AGAGCCAGCCGCGCTGCAGAGTCACTCCACCAGAGCAGGAACCTCCATCCCTGATGATACAGCTGGG
 TCTCTTGCAGCTGAGACTGACAGGCTTCGGGACATTCTGGCTGAGAAGGAACGTGAGTGCCAGGCCCTC
 GTGCAACAGGCCCTGCATCGGGTGCACGCAGAGACCAGGACGTATGCCCTGGCTTTCAGAGACCCCGCCA
 CTCTCCAAAGGACCAGAACTGGTGCAGTGGCTACAGGACCTGAGTGTAGATCCAACCACTATCCAAC
 GCTCCTGAGCCATAGCTTTACCCTTCAAACCTGCTCACCTGTGCCACTCAGGATGACCTCGTCTACACC
 AGAATCAGGGGAGGGATGGTATGCAGAATTTGGAGAGCCATCTTGGCACAGCGAGCAGGACCCAGTCCG
 TCACCCCTGGACCCCGGATGCTGAGTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001107909

Insert Size:

3879 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_001107909.1, NP_001101379.1

RefSeq Size: 4339 bp

RefSeq ORF: 3879 bp

Locus ID: 313022

Cytogenetics: 5q36