

Product datasheet for **RN208609**

Map3k4 (NM_001107456) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Map3k4 (NM_001107456) Rat Untagged Clone
Tag: Tag Free
Symbol: Map3k4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208609 representing NM_001107456
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACACACCGAGTCAGTCTCCACATAAAGACTTGGGGAAGGGAGTGGAGGCCGTGGAGGAGTACAGCT
 ACAAGCAGGGGAAGAAGACGCGAGCGACTCTGAGGACAACAGAGCGAGACCATAAGAAAAATGCACAGTG
 CTCGTTTCATGTTGGACTCAGTGGCCGGGTCTTTGCCAAAAAATCTATCCAGATGTGGATCTCAATAAG
 CCTTACCTCAGCCTCGGCTGTAGCAACGCCAAGCTGCCAGTCTCTATGCCATGCCTATAGCCAGAAGT
 CGCGGCAGACTTCCCGGACGGACTGCCAGCGGATCGGTTAAAGTTCTTTGAAACTGCGCCTTTTGT
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 TTCAACCGGTCAAATGAACTGATCTGGTTAGAGCTCCAGGCCTGGCAGCAGGCCACCATCAATGACC
 AGGACCTCTTTTATACACAGCCCGCAAGCCATCCCAGATATTATCAATGAAATCCTCACATCAAAGT
 TAATTATGGAAGCGCTGCCTTCTAGAAATGGAGCTGGTTTCAACGGTACCTCGCTAGAAGGTCAGTGC
 AGAACCTTCATGGGACGAACAGTCTAGGCTGTCAACCTACCACGAGCACCTCCAGCGCCAGAGGGTCT
 CATTTGAGCAGGTGAAACGGATAATGGAGCTGCTAGAGTACATGGAAGCACTTTATCCGTCCTTGCAGGC
 TCTGCAGAAGGACTACGAGAGATACGCCGCAAAGGACTTTGAGGACAGAGTGCAGGCACTCTGCCTGTGG
 CTA AACATCACGAAAGATTTAAATCAGAAGTTGAGGATTATGGGCACTGTTCTGGGCATCAAGAAGTTAT
 CAGACATTGGCTGGCCAGTGTGTTGAAATCCCTTCCCTCGGCCATCCAAAGGCTACGAGCCTGAGGAGGA
 GGGCGAGGACACAGAGGGAGAGCTGAGGGAGCTGGAGAGTGGGACGGAGGAGAGTGATGAGGAGCGAAGT
 CCCAATCCGAGGGTGCCAGAGCTCAGGCTGTCTGCCGACACCATCTTGGACAGTCACTCCAGGGCTGCC
 CGTCCAGGAACTTGAGAGGCTCGAGTCCGAGGAGGACTCTGTAGGCTGGGGATAGCAGACTGTGGTCC
 CGAAGCCAGTAGGCATTTGACTTCTATCTATAGACCGTTCGTGGACAAGCACTGAAGCAATGGGG
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 AGCTGCGGCTGGAACAGAGGCCGGCCGGGGAGCCTTCCCTCTTGAAGTATCAAGCAGGTGTATTTTGACTA
 CATGAGAAGCTGGATCCAAATGCTACAGCAGTTACCTCAGGCTTCCCATAGCTTAAAAAACCTGCTAGAA



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GAAGAATGGAATTCACCAAAGAAATAACCCATTACATCCGGGGAGGAGAAGCACAGGCTGGAAAGCTTT
TCTGTGACATTGCAGGGATGCTGCTGAAATCCACGGGGAGCTTTCTGGACTCTGGCTACAGGAGAGCTG
TGCTGAACTGTGGATCAGCGCCGACGACAACGGTCTGCCGACGAGCTAAGGAGGTCTGTTCATCGAGATC
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GTGCATTGGGCACGTCATAGGAAAGCCACACAGCCCTGTCACAGCTATCCATCGGAACAGCCCCGCCCT
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CGGAGAAGCTGGAACTTCGAACACTCATCAGCCAGACCAAGACTCGGCCTTAAGCAGGGGCCATAG
AGGCCATCCAGAAGTCAGTCCGACTGTTTGAAGAGAGGAGGTATCGAGAGATGAGGAGGAAGAATATCAT
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AAGTGGCAAAGAGGAAACAAAATCGGAGAAGGGCAGTATGGAAAAGTGTACACCTGCATCAGCGTCGACA
CAGGGGAGCTGATGGCCATGAAGGAGATTGATTTGAGCCTAACGACCATAAGACTATCAAGGAACTGC
AGACGAGTTGAAAATATTTGAAGGCATCAAGCACCCCAACCTGGTCCGGTACTTTGGTGTGGAGCTTAC
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TTCAGGAGCAGTCATCCGGTTGTATTCCAAGCAGATCACTGTCGCCATCAACGTCCTCCATGAGCATGG
CATCGTTCACCGAGACATCAAAGGTGCCAATATCTTCTTACATCGTCTGGACTAATCAAAGTGGGAGAT
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CAGCAGCTTACATGGCCCTGAAGTTATTACCCGAGCTAAAGGAGAAGGCCACGGACGTGCGGCAGACAT
CTGGAGTCTGGGTGCGTCTGATAGAGATGGTACTGGCAAGCGGCCTTGGCATGAGTTTGAACACAAC
TTTCAGATTATGTACAAGGTGGGAATGGGACACAAGCCACCAATCCCCGAAAGGTTAAGCCCTGAAGGAA
AGGACTTTCTCTCGACTGCCTGGAAAGTGACCCGAAGATAAGGTGGACAGCCAGCCAGCTCCTTGACCA
CGCTTTTGTCAAGGTTTGCACAGATGAAGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001107456

Insert Size:

4164 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_001107456.1](#), [NP_001100926.1](#)

RefSeq Size: 4908 bp

RefSeq ORF: 4164 bp

Locus ID: 308106

Cytogenetics: 1q11