

Product datasheet for **RN213604**

Map3k3 (NM_001107058) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k3 (NM_001107058) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map3k3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >NM_001107058.1
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGAACAAGAGGCATTAGACTCAATCATGAAGGACCTGGTGCCCTCCAGATGAGCCGACGTCCCC
 GGGTGTCTGGATATGAGACCATGAAGAACAAGGACACAGGTCACCCAAACAGGCAGAGTGACGTCAGAAT
 CAAGTTTGAACACAATGGGGAGAGACGAATTATAGCATTAGCCGGCCTGTGAGATATGAAGATGTGGAA
 CACAAGGTGACAACGGTCTTTGGGCAGCCTCTTGATTTGCATTATATGAATAATGAGCTCTCCATCTGT
 TGAAAAACCAAGATGATCTCGATAAAGCAATTGACATTTGGATAGAAGCGCGAGTATGAAAAGCCTTAG
 GATACTACTGTTATCCCAAGACAGAAACATACTAGTTCTCTCCCACTCTGGAGTGTCCAGGCAGGTT
 CGGGTCAAGCCTCCCAGTCTGCAGGGGATATAAATACCATCTACCAAGCTCCTGAGCCAGAAGCAGGC
 ACCTCTCTGTGAGCTCCAGAACCTGGCCGAAGCTCTCTCCCTGGTTATGTACCTGAGCGACAACA
 GCACATTGCCCGCAGGGATCATATACGAGCATCAATAGTGAAGGTGAATTCATCCAGAGACCAGCGAG
 CAGTGCATGCTAGATCCCTGAGCAGTGCCGAAAATTCCTTGTCAGGAAGCTGCCAATCCTTGACAGGT
 CAGCAGACAGCCATCTTTCAGGAAATCACAATGTCCCGAGCCCGGAGCTTCCAGACAACAGAAAAGGA
 ATGCTCGGATCGGGAGACCCAGCTCTATGATAAAGGAGTTAAAGGCGAACCTATCCAGGCGTTACCAT
 GTATCTGTGCATCATAAAGACTACAATGATGGCAGAAGACGTTTCCCGAATACGACGGCACCAGGGCA
 ACCTATCACTCTGGTGCCCTCAAGTCGCTCCTTGAGCACAAATGGCGAGAACATGGGTGCCCTGTGCA
 GTACTTGGACCCCGGGCGCCTACGGAGTGCAGACAGTGAAAATGCCCTCACTGTGCAGGAAAGAAGT
 GTGCCAACCAAGTCTCCTAGTCTCCATCAATGGCGTCGGGGGAAGCTCCTGGGTCAAGGTGCCTTCG
 CAGGGTCTACTTATGCTATGATGTGGACACAGGACGTGAACCTTGCTTCTAAGCAGGTTCAAGTTGACCC
 AGATAGTCTGAGACTAGCAAGGAGGTGAGTGCTCTGGAGTGCGAGATCCAGTTGCTGAAGAAGTTGCAG
 CATGAGCGCATCGTGCACTACTATGGCTGCCTGCGGGACCGTGCTGAGAAGATCCTCACCATCTTTATGG
 AGTATATGCCAGGGGCTCTGTAAAAGACCAGTTGAAGGCTACGGAGCTCTGACGGAGAGTGTGACCCG
 CAAGTATACACGGCAGATCCTGGAGGGCATGCTCTACCTGCACAGCAACATGATCGTGCATCGTGACATC
 AAGGGAGCCAATATCCTCCGAGACTCGGCTGGGAATGTGAAGCTTGGGGATTTGGGGCCAGCAAACGCC
 TGCAAACCATCTGCATGTGAGGACAGGCATGCGCTCTGTCACTGGCACACCCTACTGGATGAGTCTGA
 AGTCATCAGTGGCGAGGGCTATGGAAGAAAGGCAGATGTGTGGAGCCTGGGCTGTACCGTGGTGGAGATG
 CTGACAGAGAAACACCTTGGGCAGAGTATGAAGCTATGGCTGCCATTTCAAGATTGCCACCCAGCCTA
 CCAATCCTCAGCTGCCCTCTACATCTCAGAACACGGCAGGGACTTCTGAGGCGCATATTTGTGGAAGC
 TCGTCAGAGACCCCTCGGCTGAGGAGCTGCTCACACACCCTTTGCACAGCTAGTGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107058

Insert Size: 1881 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_001107058.1](#), [NP_001100528.1](#)

RefSeq Size: 4600 bp

RefSeq ORF: 1881 bp

Locus ID: 303604

Cytogenetics: 10q32.1