

Product datasheet for **RN205493**

Map2k3 (NM_001100674) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Map2k3 (NM_001100674) Rat Untagged Clone
Tag: Tag Free
Symbol: Map2k3
Synonyms: Mek3; Mkk3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205493 representing NM_001100674
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGTCGCCCCGCCAGCCCCGCCAGCTTGCCCTCAGACCAAAGGAAAATCCAAAAGGAAAAGGG
ATTTACGGATATCCTGTGTGTCCAAGCCACCCGTGTCCAACCCACACCCCCCGAACCTGGACTCCCG
GACCTTCATCACTATCGGAGACAGAACTTCGAAGTGGAGGCTGATGACTTGGTGACCATCTCAGAGCTG
GGCCGCGGAGCCTATGGGGTGGTGGAGAAGGTGCGGCATGCTCAGAGTGGTACCATCATGGCTGTCAAGC
GCATCCGGGCCACTGTGAACTCACAGGAGCAGAAACGTCTGCTTATGGACCTAGACATCAACATGCGCAC
TGTGACTGCTTCTATACTGTCACCTTCTATGGTGCCTCTTTAGAGAGGGGGATGTGTGGATCTGCATG
GAACTCATGGACACGTCCTGGATAAGTTCTACCGGAAGGTGCTAGAGAAGAACATGAAAATCCGGAAG
ACATTCTGGGGGAGATTGCTGTATCCATCGTCCGGCCCTGGAGCACCTACACAGCAAGCTGTCTGTGAT
CCACAGAGATGTGAAGCCTTCCAATGTCCTCATCAACAAAGAGGGGCACGTGAAGATGTGCGACTTTGGC
ATCAGTGGCTACCTGGTGGACTCTGTGGCAAAGACAATGGATGCTGGCTGCAAGCCTTACATGGCCCTG
AGAGGATCAACCCTGAGCTGAATCAGAAGGGCTACAACGTCAGTCTGATGCTGGAGCCTTGGCATCAC
CATGATTGAGATGGCATTCTGCGATTCCCTTACGAGTCTTGGGGACACCGTTCCAGCAGCTGAAGCAG
GTGGTGGAGGAGCCATCCCCACAGCTCCAGCAGACCAGTTCTCCCTGAGTTTGTGGACTTCACAGCC
AGTGCCTCAGGAAGAATCCTGCGGAACGCATGAGCTACCTGGAGCTGATGGAACACCCGTTCTTACCTT
GCACAAAATAAGAAGACGGACATTGCTGCCTTTGTGAAGGAGATCTGGGAGAGGATTCATAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100674



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Insert Size:	1044 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:	<u>NM_001100674.1</u> , <u>NP_001094144.1</u>
RefSeq Size:	2356 bp
RefSeq ORF:	1044 bp
Locus ID:	303200
Cytogenetics:	10q22