

Product datasheet for **RN206126**

Map3k8 (NM_053847) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k8 (NM_053847) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map3k8
Synonyms:	D17TPL2; Tpl-2; Tpl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206126 representing NM_053847
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTACATGAGCACCGAAGCGACGAGAAAGAAGAGATTGATTTATTAATTAACCTTTAAACGTGT
 CGGAAGTCCTGGACATCATGGAGAACCCTTTATGCAAGTGAAGAGCCTGCAGTGTATGAGCCAGTCTGAT
 GACCATGTGTCCAGACAGCAATCAAACAAGGAACATTCAGAGTCGCTGCTTCGGAGTGGCCAGGAGGTG
 CCCTGGTTGTCGTCTGTCTGATATGGGACTGTGGAGGATCTGCTTGCATTTGCAAACCATATCTCGAATA
 CGACAAAGCATTTTTACAGATGTCGGCCCCAAGAATCTGGGATTTTATTAATATGGTAATCAGTCCCCA
 GAATGGTCGCTACCAATCGACTCGGATGTTCTCCTTGTCCCGTGAAGCTGACGTACAGGAGCATTGGT
 TCTGGTTTCGTTCTCGGGGGCCTTTGGAAAAGTGTACTTAGCACAAGACATGAAGACAAAGAAAAGAA
 TGGCATGTAACCTGATCCCTGTAGATCAGTTAAGCCATCAGATGTGAAATCCAGGCTGCTTCCGGCA
 CGAGAACATTGCCGATTATACGGTGGCTCCTATGGGGCGACACTGTCCATCTTTCATGGAAGCCGGC
 GAGGGAGGGTCTGCTCGGAGAAGCTGGAGAGCTGTGGGCCATGAGAGAATTTGAAATTATCTGGGTGA
 CAAAGCACGTTCTCAAGGACTTGATTTCTGCACTCCAAGAAAGTCATCCACCACGATATCAAACCTAG
 CAACATTGTATTCATGTCTACGAAAGCTGTGTTGGTAGATTTTGGCCTGAGTGTCAAATGACAGAAGAT
 GTCTATCTCCCCAAGGACCTCCGGGGAACAGAGATCTACATGAGCCCTGAGGTGATTCTGTGCAGGGGCC
 ATTCCACAAAAGCAGACATCTACAGCCTTGAGCCACGCTCATTACATGACAGACAGGCACCCACCCCTG
 GGTGAAGCGCTACCCTCGATCGGCCTATCCCTCCTACCTGTACATAATCCACAAGCAGGCACCTCCCCTG
 GAAGATATTGCTGGTACTGCAGTCCAGGCATGAGGGAGCTGATAGAAGCCGCCCTGGAGAGGAACCCCA
 ACCACCGCCAAAAGCAGCAGACCTACTGAAACACGAAGCCCTGAATCCCCAAGAGAGGACCAGCCACG
 GTGTCAGAGTCTGGACTCTGCCCTCTTTGACCGAAGAGGCTGCTGAGCAGGAAGGAGCTAGAACTTCT
 GAGAACATTGCTGATTCATCATGCACAGGAAGCACCGAGGAGTCTGAAGTCTCAGGAGACAGCCTTCCC
 TCTACATTGATCTCGGAGCTCTGGCTGGCTACTTCAATATTGTTTCGTGGTCCACCAACCCTGGAATATGG
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_053847
- Insert Size:** 1404 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_053847.1](#), [NP_446299.1](#)
RefSeq Size: 2720 bp
RefSeq ORF: 1404 bp
Locus ID: 116596
UniProt ID: [Q63562](#)
Cytogenetics: 17q12.1
Gene Summary: kinase; involved in signaling pathways for cell proliferation/differentiation and stress responses [RGD, Feb 2006]