

Product datasheet for **RN203282**

Map3k14 (NM_001108301) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k14 (NM_001108301) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map3k14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203282 representing NM_001108301
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGTGATGGAAGTGGCCTGCCAGGCACTCTGGTTCGGCAGTCCGGCAGCAGAAGGAGTTGCCA
 AAGCCAAGGAGAAGACACAGTCACCAGGAAGAAGCAGAGCTGCATCTTCCAGCTCGAGGCGGTGGAGAA
 GAGCCCTGTGTTCTGTGGAAAGTGGGAGATCCTCAACGATGTGATCACAAAGGCACAGCCAAGGAAGT
 TCCGAGGGCGGGCCCCCGCCATCTCCATCATCGCCAGGCTGAATGTGAGAATAGCCAAGAGTTCAGCC
 CCACCTTCTCAGAGCGCATTTTCATCGCGGGTTCACAGCAGTACAGCCAGTCTGAGAGTCTTGATCAAAT
 CCCCACAATGTGGCCATGCAACTGAAGGCAAAATGGCCGAGTGTGCCGAAGGGGAAGCGTCACAGC
 AAAGCCCAGAAAAACGTAGGAAGAGGAGTGAAGTCACTGGCCAGGCAAGAGTGGCCTTGCCCAAGC
 CCCTGCCAGAACCCTGAGCAAGAGAGTGTACCATCCAGTGCAGGAAGATGAGTCTCCACTAGGCAA
 CCTCTATGCCAGAAATGTCTCCAGTTCACCAAGCCTCTGAAGGGACCAGGCCTTGCCACCTGTGCTTT
 AAGAAACAAGATGAAGGCCTGCGACCAGTGTGCCTCGACCAGAACTCCACAAACTGATCAGCCCCCTGC
 AATGTCTAAACCAGTGTGAAACTCCACCACCCGAGGCCACAGGCCCCCTGCCACCCCACTCACCC
 GTTCCCCTTACGAGAATGCCCATCCTTTCCATTCTACCCCTGGAGCCCTGGAGACCCTATACACTG
 AACCCGGCCTTCTGGACAACTAGCCGCTGTAAGTGGCCAGCGGCCTTGCTGGCCACCACACCTAA
 GCAAACCGGCCTACAGAGACAGTCAAGCCCTGCCTGGCCACATCTGGAGTCCAGCTGCCTGTCCCG
 AGAGGCCCTAGAAAAGTCCCTGCCGAGGAATACCTGGTGCACGCGCTACAAGGAAGTGTGAGCTCAGGC
 CAGGCCACAGCCTGGCTAGCCTGGCTAAGACATGGTTCATCAGGGAGTCCAAGTGCAGAGTTTACGCC
 CTGAAAATGAGGACAACGAGGGGCTCTGCTTACTGAGAACTCAAACCAAGTGGATTATGATACCGGGA
 AGAGTCCACTGGATGACACACCAGCCTCGGGTGGGCGAGAGGGTCTTCGGCGAAGTCCACAGAATGAAG
 GACAAGCAGACAGGCTTCCAGTGTGCTGTCAAAGAGTACGGCTTGAGGTATTCGGGCAGAGGAAGTGA
 TAGCCTGTGCCGACTGAGCTCGCCAGGATCGTCCCTCTACGGAGCTGTAAGAGAAGGCCCGTGGGT
 GAACATCTTATGGAGCTGCTAGAAGTGGCTCTTAGGCCAGCTCATAAAGCAGAAGGGCTGTCTGCCA
 GAAGACCGAGCCCTTACTACCTGGCCAGGCCCTGGAGGGGCTGGAATACCTCCATACACACAGGGTTC
 TGCATGGCGACGTCAAAGCTGACAACGTCTCTGTCCAGTGTGAAGCCGAGCTGCCCTCTGTGACTT
 CGGCCATGCCTTGTGCCTACAACCTGATGGCCTAGGAAAATCCTTGCTCACAGGGGACTACATTCCTGGC
 ACAGAGACCCACATGGCCCGAAGTGGTGTGGGAAGCCCTGTGATGCCAAGGTGCAGATCTGGAGCA
 GCTGTTGCATGATGCTCCACATGCTCAATGGCTGCCACCCTGGACTCAGTACTTCGAGGCCCGCTCTG
 TCTCAAGATTGCCAGCGAGCCTCCACCTGTGAGGAGATTCCACCTTCTGCACACCCTCACAGCCAG
 GCCATCCAAGAGGGGCTGAGGAAAGAGCCATCCACCGAGCATCTGCCATGGAATTCGGAGGAAAGTGG
 GCAAGGCGTTACAGGAAGTGGGAGGTCTGAAAAGCCCTTGAAAGGAGAAATATAAAGAGCCAAGACCTCC
 ACCCAAGACCAAGCCCTGCCCCAGACCTTACATACCCTGCCAAGAGAGAACCACCCAGCCAAGGCC
 AACACAGACGGGGCCCTGAGCGTCAGCCTCCTCTGCCGCTGAACCACCGGAACCGAACAAAGCACCAG
 CCCTGAACCTGAGCAAGGAGGAGTCTGGCACCTGGGAACCCCTGCCTCTGTCTCCCTGGACCCAGCCCC
 TGCCAAAGGCCAGCTTGCCAGACCGGAGGGCAACCTTCCGGAGCTGGAGCTACAACAGCTGGAGATA
 GAACTGTTCCATAAACAGCCTGTCCAGCCGTTTTCTCTGGAGGAACAGGAACAGATTCTCTCCTGCCTCA
 GCATCGACAGCCTCTCACTGTGAGGACAGTGAAGAAAGCCATCTAAGGCCTCTCAGAGCTCACGTGA
 TACCCTGAGTTCGGCGTGCCTCTTGGAGCAGCCAAGCAGAGGCCAGAAGCTCCAGCTGCAGCATGGCG
 CTGGCCCGGGGACGGCCACTGACATCCCGAGCTACTTCAACGGTGTCAAGGTCCAGATACAGTCTCTCA
 ATGGCGAGCACCTGCACATCCGGGAATTCACCGGGTCAAGGTGGGAGACATTGCAACCGGCATCAGCAG
 CCAGATCCCGCCACAGCTTTCAGCTTGGTGACCAAAGATGGACAGCCTGTTTGTATGACATGGAGGTG
 CCAGACTCAGGCATCGACCTGCAGTGCACCCTAGCCCTGATGGCAGCTTCGCTTGGCCCTGGAGGTCA
 AGCACGGCCAGCTGGAGAACCGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001108301
Insert Size:	2829 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_001108301.1</u> , <u>NP_001101771.1</u>
RefSeq Size:	4206 bp
RefSeq ORF:	2829 bp
Locus ID:	360640
Cytogenetics:	10q32.1