

Product datasheet for RN217459

Map3k9 (NM_001100872) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Map3k9 (NM_001100872) Rat Untagged Clone
Tag: Tag Free
Symbol: Map3k9
Synonyms: RGD1562149
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217459 representing NM_001100872
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTCTCCAGATCGCTTCTCGGCTGCCTGGCGAGCGCCGCTGCGGCCCGCCGGGGAGGATGCCA
 CCGGTGCTGGGGCCGAAGAGGAGGAAGACGAAGAGGAGGGCGCCGAGCTGGGATCTCATGCCACGCT
 GCCCTACTGGACGGCTGTGTTTCGAGTACGAGGCGCAGGAGAGGACGAGCTGACCCTGCGGCTGGGCGAT
 GTGGTAGAGGTGCTGTCCAAGGACTCTCAGGTGTCCGGCGATGAGGGCTGGTGGACCGGACAGCTGAACC
 AGCGGGTGGGCATCTTCCCCAGCAACTACGTGACCCCGCGCAGCGCCTTCTCCAGTCTGCTGCCAGCCGGG
 CACGGAGGACCCAGCTGCTACCCGCCATTACGCTGTTGGAGATTGATTTTGGCGAGCTAACCTGGAG
 GAGATCATCGGCATTGGAGGCTTGGGAAAGTCTATCGTGCTTTCTGGGTAGGTGACGAGGTGGCCGTGA
 AAGCAGCTCGCCACGACCCTGATGAGGACATCAGCCAGACCATAGAGAATGTTCCGCAAGAGGCCAAGCT
 CTTTGCCATGTGAAACACCCGAACATCATTGCCCTCAGAGGGGTGTGCCTGAAGGAACCCAACTCTGC
 TTGGTCTGGAGTTCGCTCGTGGAGGGCCTCTGAACAGAGTGTGCTGGGAAGAGGGTCCCGCGACA
 TCCTGGTGAAGTGGCCGTGCAGATCGCCAGAGGGATGAACTACCTACATGATGAGGCGATCGTGCCCG
 CATCCACCGAGACCTTAAGTCCAGCAACATACTGATCCTGCAGAAAGTGGAGAATGGAGACCTGAGTAAC
 AAGACTCTGAAGTCACTGACTTCGGGCTGGCACGGGAATGGCACCGGACCACCAAGATGAGTGGCGCG
 GGACATACGCTTGGATGGCGCCTGAAGTCACTCCGCGTTCATGTTTTCAAGGGCAGCGATGTGTGGAG
 CTATGGAGTACTGCTCTGGAACTGTTGACTGGCGAGGTGCCCTCCGGGCGATTGATGGCTTAGCAGTG
 GCTTACGGTGTGGCAATGAACAAGCTCGCCCTTCTATCCCTTCTACCTGCCAGAGCCTTTTGCCAAAC
 TCATGGAAGACTGCTGGAATCCTGACCCCACTCAGTCCATCTTCTCTAGTATCCTGGACCAGCTAAC
 GACTATAGAAGAGTCTGGTTTCTTTGAGATGCCCAAGGACTCCTCCACTGCCTGCAGGATGACTGGAAA
 CATGAGATTCAGGAGATGTTGACCAACTCAGGGCCAAAGAAAAGGAGCTTCGAACCTGGGAAGAAGAGC
 TGACCCGGGCTGCGCTCCAGCAGAAGAATCAGGAGGAGCTGCTTCCGGCGTAGGGAGCAGGAGCTGGCTGA
 GCGGGAGATCGACATCCTGGAACGAGAGCTCAACATCATCATCCACCAGCTGTGCCAGGAAAAGCCCGG
 GTGAAGAAACGCAAGGGCAAGTTCAGGAAGAGCCGACTGAAGCTCAAGGACGGCAACCGCATCAGCCTTC



CCTCGGATTTCCAGCACAAAGTTCACGGTGCAGGCCTCCCCGACCATGGATAAAAGGAAGAGTTTGATCAG
 CAACCGATCGAGTCTCCTGCAAGCCCCACCATCATCCCTCGCCTTCGAGCCATTAGTTGACACCAGGT
 GAAAGTAGTAAAACCTGGGGCCGGAGCTCAGTTGTTCCAAAAGAGGAAGGGGAAGAAGAGGAGAAGAGGG
 CCCCAAAGAAGAAAGGCCGGACGTGGGGACCAGGGACGCTTGACAGAAGGAGCTCACGTGAGGAGATGA
 AGGCCTCAAGTCCCTGGTAGACGGATACAAGCAGTGGTCATCCAGTGCCCCAACCTGGGGAAGGGCCCC
 AGGAGTAGCCCTGCCCTGCCGGGTTACCAGCCTTATGGAGATAGAGGATGAGGATAGTGAAGGCCCCAG
 GAAGCGGAGAGAATCATCTACAGCATTACCCAACCAAGTCTACCTCTGTATCCCATTTCTCGTGGGGA
 GGATGGGGATGGCCCTCCAGTGATGGAATTCATGAGGAACCCACCCAGTCAACTCAGCTACCAGTACC
 CCTCAGCTGACGCCAACTAACAGCCTCAAGCGCAGCGGGACCCACCACCGCGCTGCGAGGTCGCTCTGC
 TCGGATGTGGAGCTGTTCTGGCAGCCACAGGCCTGGGGTTTGACTTGCTGGAAGCTGGCAAGTGCCAGTT
 GCTTCCCCCAGAGGAACCTGAGCCACCAGCCGGGAGGAAAAGAAGAGGCGAGAGGGTCTTTTCCAAAGG
 GCCAGTCGCCCTCGTCGGAGTACCAGCCCGCCCTCCCGAAAGCTCTTAAAGAAGGAAGAGCCGATGACGT
 TGCTAGGAGACCCTCTGCCTCCTTGACACTGCTGTCTCTCTCCATCTCTGAATGCAACTCTACTCG
 CTCCTACTGCGCTCTGACAGTGATGAGATCGTGGTGTATGAAATGCCAGTCAGCCAGTTGAAGTCCA
 CCCCTAACCCAGTGCACCAGAACCCCTGGTTAATGTCCGAGTGGAGCGCTTCAAGAGAGACCCCAACC
 AGTCCCTGACTCCACCCACGTACCCCTCACAGCCCCACACAGCCTAGTGGTCACAGGGCGACTCCTTC
 TGATGGGGCACTTAAACCAGCATCAGTGCCCCAGCCCTGGGCAGCAGAAGCCCTCCAGCAATGGAGTG
 AGCCCTGGTCTGGAGCAGGCATGTTGAAAACCCCAAGTCCCAGCCGAGACCCAGGCGAATTTCCCCGTC
 TCCCTGACCCCAACGTGGTCTTTCCCCCAACTCCGAGGCGCTGGAACACACAGCGAGACTCTACCTTAGA
 GAGACCAAGACGCTGGAGTTTCTGCCTCGGCCACGTCTTCTGCCAACCAGGCGAGCGCTGGACCCTTG
 TGGTTTGTGTCCCCAGCCATGCCCGCAGCGCCTCCCCAGCTAATAGCTCCAGCAGAGACACCCAGCA
 ACCTGGACTCTGCTTTGCCAGCAGCAGCAGCACTGTGGAAGAGCGGCCCTGGACTCCCAGCCCTGCTCCC
 CTTACAGGCAGGGCCACTGCCCCCTGCTGAGCGGACACTTCTGGACCTGGACGCTGAGGGGCAGAGCCAG
 GATAGCACTGTGCCCTGTGCAGAGCTGAATGAATGCACATGGGCCTTCTCCATATGAGATCCAACAGG
 AGTTCTGGTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100872
- Insert Size:** 3234 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001100872.1](#), [NP_001094342.1](#)
RefSeq Size: 3638 bp
RefSeq ORF: 3234 bp
Locus ID: 500690
Cytogenetics: 6q24