

Product datasheet for **MC229192**

Map3k10 (NM_001290528) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k10 (NM_001290528) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map3k10
Synonyms:	BC028668; BC046514; Mlk2; MST
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC229192 representing NM_001290528
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAGGAGGGGGCGGCCAGAGAGTGGGGCGACCCCGGGGCCAGTGTGGACCGCC
 TGTTGACTACGAGGCGGTGGGCGACGAGGAGCTGACCCTGCGGAGAGGGACCGCGTCCAGGTGCTTTC
 CCAGGACTGTGCGGTGTCTGGAGATGAGGGCTGGTGGACAGGGCAGCTGCCACGGCCGTGTGGGCGTC
 TCCCCAGCAACTACGTGGCCCCGCTGCACCCGCCACCCCTCAGACCTCCAGCTGCCACAGGAGATCC
 CCTTCCACGAGCTGCAGCTGGAGGAGATCATCGGTGTGGGGGCTTTGGCAAAGTCTATCGCGCCGTATG
 GCGTGGAGAGGAAGTAGCGGTCAAGGCCGCTCGGCTGGACCTGAACGGGACCCGGCAGTGACAGCGGAG
 CAGGTCGCCAGGAGGCCCGCTCTTTGGAGCCCTGCAGCACCCCAACATCATTGCCCTGAGGGGCGCT
 GCCTCAGCCCCCAAACCTCTGCCTGGTATGGAATATGCTCGGGGAGGTGCATTGAGCAGGGTACTGGC
 AGGTGCGCGGGTCCCCCTCATGTGCTGGTCAACTGGGCTGTGCAGGTGGCTCGGGGCATGAACTATCTA
 CACAATGATGCCCTGTGCCATCATTCACCGGACCTCAAGTCCATCAACATCCTAATCCTGGAGGCCA
 TTGAGAACCACAACCTCGCTGACACGGTCTCAAGATCACAGACTTCGGCCTTGCCCGAGAGTGGACAA
 GACGACAAAAATGAGTGCAGCGGGACCTACGCCTGGATGGCTCCTGAGGTTATCCGCTGTCCCTTTC
 TCCAAAAGCAGCGACGTCTGGAGCTTCGGGGTCTTCTTTGGGAGCTGCTGACCGGGGAGGTCCCTACC
 GAGAAATCGACGCTTGGCCGTGGCTTACGGTGTGGCTATGAACAAGCTGACGCTACCCATCCCCTCCAC
 GTGCCCGAGCCCTTTGCCCGCTACTGGAGGAATGCTGGGACCCAGACCCTCACGGGCGACCAGATTTT
 GGCACATCCTGAAGCAGCTGGAGGTATCGAGCAGTACGCCCTGTTCCAGATGCCACTGGAGTCCCTCC
 ACTCCCTGCAGGAAGACTGGAAGCTGGAGATTGAGCATATGTTTTGATGACCTTCGGACCAAGGAGAAGGA
 GTTGCGCAGCCGGGAAGAGGAGCTATTGCGGGCTGCACAGGAGCAGCGTTTTTCAGGAAGAGCAGCTACGG
 CGTCCGGAGCAGGAGCTGGCAGAGCGAGAGATGGACATCGTAGAACGTGAGCTGCACCTGCTCATGAGCC
 AGCTGAGCCAGGAGAAGCCAGGGTCCGAAAACGCAAGGGCAACTTCAAGCGCAGCCGCTTGCTCAAGCT
 ACGGGAAGGAAGCAGCCACATCAGCCTGCCCTCTGGATTTGAACATAAGATCACCGTCCAGGCCCTCCCA
 ACCCTGGACAAGAGGAAAGGATCCGATGGGGCCAGCCCTCCTGCCAGCCCAGCATATTCCCGGTTGA
 GGGCCATTGACTCCCATGGACTGTGGTGGCAGCAGTGGTGTGGAACATGGAGCCGAGTGGGCC
 ACCAAAGAAGGAAGAAGTGGTTGGGGCAAGAAGAAAGGCAGGACATGGGGCCCCAGTTCACCTTTGCAG
 AAGGAGCGAGCTGGAGGAGAGGAGGCTCAAGGCCCTGGGGGAAGGAAGCAAGCAGTGGTCTCGAGCG
 CCCCCAACCTGGGCAAAATCCCCTAAGCACACCCCATGGCCCCAGGCTTCGCCAGCTCAACGAGATGGA
 AGAATTTGCGGAGGCAGATGAAGGCAACAACGTGCCCCCTTCTCCCTACTCCACCCCGTCTACCTCAAG
 GTGCCTCTGCCCGCCGAGCCTTCTCCTTGTTTCAAGCGCCTTGGGAGCCGCGGCTGTACCCCTTCCC
 GGCCAGGACACGGAGCTCGTAGGCGCTGCGACCTGGCGCTGCTAAGCTGTGCCACGCTGTGAGTGGGT
 GGGCTGGGGCGCGAGCTGGCCGAGGCACGGCCGGGGACGGTGGAGGAGCAGCGCGCTGGCTGGACAGT
 CTCTTCTCCCGCGCCCCGGCCGCTTCCCTCGCGGTCTCAGCCCAACCGGGCGCCCCGGAGGTGCGCCGG
 AAGACACAGCCCCAGGCTTGGGTCTGGCACCCCTCGGCCACCCTGGTGTCAATATCCTCTGTATCGGATTG
 TAACTCTACGCGCTCATTGCTGCGCTCTGACAGTACGAGGCTGCCCCTGCCGCCCTCCCCGCGCT
 TCTCCGCTCGCGCCTCACCCAGCACCAATCCTCTCGTGGACGTGGAGTTGGAGAGCTTCAAGAAGGACC
 CCGGCGAGTCACTTACGCCACCCACGCTACTGCCGCCACGCTGTGAGCCGTGGACACAGGCGGACGCC
 ATCAGATGGGGCTTTGAGACAACGGGAGCCTCTGGAGCTACCAACCACGGTCTCGAGACCCCTGGAC
 TTCCCTCGACTGCCCGACCCCGAGCCCTGTTCCCTACCCGACGCGGCCCTGGAGTTCCTGGCCGCC
 CCACCACCCTCACTTTTGCCCAAGACCCCGGCTGCTGCCAGCCGCCCGCTGGATCCCTGGAACT
 GGTCTCCTTTGGCCGACTCAGCATCTCGCTCCAAGCAGGCCAGACTCCAGAGAGCCCTGGGCC
 CCCAGCGTCAACCCACGTTGCTGGACATGGACATGGAGGGCCAGAGCCAGGACAATACAGTGCCCTAT
 GTGGGTCTATGGCTCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001290528
Insert Size:	2823 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:	<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_001290528.1, NP_001277457.1</u>
RefSeq Size:	3693 bp
RefSeq ORF:	2823 bp
Locus ID:	269881
UniProt ID:	<u>Q66L42</u>
Cytogenetics:	7 A3
Gene Summary:	Activates the JUN N-terminal pathway.[UniProtKB/Swiss-Prot Function]