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Product datasheet for MC224166

Map3k6 (NM_016693) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k6 (NM_016693) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Map3k6
Synonyms:	Ask2; MAPKKK6; MEKK6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224166 representing NM_016693
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGGGCCATGTCCTGGGGCCGGGGTTCTAGAACGGGCGGGCAGCTGCTGGCAGGACCCGCTGGCGG
AGGCGCTGAGCCGGGGCCGCTCGTCTCCTGCGGTCACGGGTCGGGGCTGCGCGCGGAGCCGGCCTCTCAG
TGTGGTCTACGTGCTGACCCGGGAGCCGGGGCTCGGGGTGGAGCCCGGGTCGGGAACCGAGGCAGAGCCG
CTGCCGTTGCGATGCCTGCGCGAGGCCTGCGCTCAGCTCCAGGGCACACGGCCACCCCCGCAGCTACGCA
GCCTACCCTTTGCGACGCTGGCGCTAGGCGACACCGCTGCGCTGGACTCCTTCTACAACGCGGATGTAGT
GGTGCTGGAGGTGAGCAGCTCCCTGGCACAGCCTTCCTTGTTCTACCACCTCGGCGTGCGTGAGAGCTTC
AGCATGACCAACAACGTGCTCCTCTGTTCCCAGGCAGAGCTCCCTGATCTGCAGGCCCTTCGTGAGGATG
TTTTCCAGAAGAACTCGGATTGTGTTGGCAGCTACACACTGATTCCTTATGTGGTGACAGCCACTGGCCG
GGTCTTATGTGGCGATGCAGGCCTCCTGAGGGGCATAGCCGATGGGCTAGTACAGGCTGGGGCGGGCACT
GAAGCCCTCCTCACTCCCCTGGTGGGCCGGCTTGTCCGTCTGTTGGAGGCTACACCCACAGACTCTTGCG
GCTATTTCCGGGAGACCATTCGTCAGGATATCCGGCAGGCTCGGGAGCGATTCAGTGGGCAGCAGCTGAG
GCAGGAGCTGGCTCGCCTGCAGCGGAGGCTGGACAGCGTGGAGCTGCTGAGCCCTGACATTGTCATGAAT
CTGCTGCTATCGTACCGTGATGTCCAGGACTACTCGGCCATCATTGAGCTGGTGGAGACGCTGCAGGCTT
TGCCCACCTGTGATGTGGCTGAACAGCACAATGTCTGCTTTCACTACACATTTGCCCTCAACAGGAGGAA
CAGGCCTGGGGACCGGGAGAAAGCCCTGGCTGTCCTGCTGCCATTGGTGAAGTATGAAGGTCCCGTGGCT
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GCCACCTGGAGCAGGCCTATCACTGGTACCGCAAGGCGTTTGATGTGGAGCCCAGCCTGCACTCAGGCAT
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TCTACCTGGGAGCCCAGATTCTTGCCAACGACCCCATCCAGGTGGTGCTGGCTGCAGAGCAACTGTACAA
GCTTAATGCCCCCATTTGGTACTTGGTCTCCGTGATGGAGACCTTCCTACTGTACCAGCATTTCAGACCC
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ACACCAGAGCCCTCAGGAGGACCCCCGCTGCGAGCTCACTTCTGGCTCCACTTCCTGCTACAATCTTGCC
AGCCTTTCAAGATGGCTCCTCCTCAGGAGGACCAGTGCCTGGTACTGGTGCTGGAGATAAACAAGGTCCT
GCTGCCTGCCAGGCTTGAGATTCAGGGAACAGACCCCGTGAGCACAGTGACCCTAAGCTTGCTGGACCCA
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TGTTGGGCAGAGGCACGTATGGGGTGGTGTATGCTGGCCGAGACAGGCACACGAGGGTACGAATCGCCAT
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CTTCGTCATAAGAATATTGTGCGTTATCTGGGCTCAGCCAGCCAGGGCGGCTACCTCAAGATCTTCATGG
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CCTCTAAGCGGCTGGCAGGCATCACACCGTGCACGGAGACTTTCACAGGGACTCTGCAGTATATGGCCCC
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TTTTGAGCCAGATCCCCGCCTCCGAGCCAGTGCCCAAGAGCTGCTGGGAGACCCCTTCCTTCAGCCAGGA
AAGAGGAGCCGCAGCCCGGGCTCTCCTCGGCATACTCCCCGGCCCTCAGGCGCCCCTTCCGGTCCTTCCA
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CAGCCCCCCAAAGCGCTGCCTTAGTTATGGGGACACCAGTCAGCTCCGTGTGCCCGAGGAGCCCGCTGCC
GAGGAACCCGCGTCCCCAGAAGAGAGTTCAGGCCTGAGTCTGCTGCACCAGGAGAGCAAGCGCCGGGCCA
TGCTGGCTGCGGTGCTGGAACAGGAGGTGCCCACACTAGCAGAGAATCTCCTGGAACAGGAACAGGACTC
TCGACTCAGCAAGATTCATGTGGAACTTCTGCTTCGGTGCCTTGGGGCACAAATCCACACTCCTAACCGC
CGGCAGCTGGCCCAGGAGCTGCGGACCCTGCAAGCTCAGCTGCGGGCCCAGAGCCTGGGCCCTGCGCTTT
TGAAGGGGCCGCTCTTCGCCTTTCCAGACGCGGTGAAGCAGATCCTCCGCAGACGCCAGATCCGCCCACA
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TCGGAGAAGAAAGCGGTCTTACCGAGGTCAGAAGAGTCGAGTAAAGAGGAGTCCCAGCAGAAACCTCAGG
AGAGCCAGGCGCTGCAGAGCCAGCTCCCACCAGAGCAGGGACCCCCATCGTTGATGGTGGAGTTGGGCCT
TTTGCGAGCCGAGACTGACAGGCTTCGGGACCTTCTGGCTGAGAAGGAACGTGAGTGCCAGGCGCTGGTG
CAACAGGCCCTGCATCGGGTGCATGCAGAGACCAGGAAGTATGCCCCAGCTTCAGAGACCCCAGCCACTC
TCCCAAAGGACCAGAACCTGGTGCGGTGGCTACAGGAACTGAGTGTAGATCCAGCCACTATCCAAACGCT
CCTGAGTCATAGCTTCACCCTTCAAACCCTGCTCACCTGTGCCACTCAAGATGATCTAGTGTACACCAGA
ATCAGGGGAGGGATGGTATGCCGGATTTGGAGAGCCATCTTGGCACAGCGAGCAGGAGCCACATCGGTCA
CCCCAGTACCCCGGGACGCTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_016693

Insert Size: 3876 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).

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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_016693.5, NP_057902.5
RefSeq Size:	4333 bp
RefSeq ORF:	3876 bp
Locus ID:	53608
Cytogenetics:	4 D2.3

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