

Product datasheet for RN203863

Map2k6 (NM_053703) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Map2k6 (NM_053703) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Map2k6
 Synonyms: Mkk6
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN203863 representing NM_053703
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCAGTCGAAAGGCAAGAAGCGAAACCCCGCCTTAAGATTCCAAGGAAGCGTTTGAACAACCTC
 AGACCAGTTCACGCCGCTCGGATTTAGACTCCAAGGCTTGCATTTCTATTGAAACCGAAGCTTTGA
 GGTGAAGGCCGATGACTTGGAGCCTATAGTGGAGCTGGGACGAGGTGCGTACGGGGTGGTGGAGAAGATG
 CGTCACGTGCCACGGGCGAGATCATGGCGGTGAAGCGGATACGGGCCACAGTTAATAGCCAGGAGCAGA
 AACGGCTACTGATGGATCTGGATGTTTCTATGAGGACAGTGGACTGTCCGTTTACCGTGACCTTCTATGG
 TGCCTCTCCGGGAGGGCGATGTGTGGATCTGCATGGAGCTCATGGATACGTCCTAGATAAAATCTAC
 AAACAAGTTATTGATAAAGGCCAAACAATTCCAGAAGATATCTTAGGGAAGATAGCAGTTTCTATTGTAA
 AAGCATTAGAACATTTACACAGTAAGCTCTGTATCCATCGAGATGTCAAGCCTTCAAATGTGCTCAT
 TAACACGCTGGGCCAAGTGAAGATGTGTGACTTGGAAATCAGCGGCTACCTGGTAGACTCTGTTGCGAAA
 ACGATCGATCCCGTTGCAAACCATACATGGCTCCTGAACGAATAATCCAGAGCTCAACCAGAAGGGGT
 ACAGTGTGAAGTCTGACATTTGGAGTCTGGGCATCACCATGATTGAGCTGGCCATCCTCCGGTTTCCCTA
 TGATTCTGGGGAACGCCCTTCCAGCAGCTAAAACAGGTGGTAGAAGAGCCGTCTCCACAACCTCCAGCG
 GACAAGTTCTCTGCTGACTTCGTTGACTTTACCTCACAGTGCTTGAAGAAAAATCCAAAGAACGGCCCA
 CGTATCCAGAGCTTATGCAACATCCATTTTACCCTGATGAAGCCAAAGCAGCAGATGTGGCGTCTTT
 CGTAAACTGATACTCGGGACTAA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053703



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Insert Size:	1005 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_053703.3</u> , <u>NP_446155.1</u>
RefSeq Size:	1690 bp
RefSeq ORF:	1005 bp
Locus ID:	114495
Cytogenetics:	10q32.1
Gene Summary:	activator of p38 MAPK; may play a role in cardiac hypertrophic and failure conditions [RGD, Feb 2006]