

Product datasheet for MR201496

Map2k3 (BC007467) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map2k3 (BC007467) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Map2k3
Synonyms:	MEK3, MKK3, mMKK3b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR201496 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCGCCCCCGCGAGCCCCCGCCAGCTTGCCTCAGACCAAAGGAAAATCCAAAAGGAAAAAGG
ACTTACGGATATCCTGCGTGTCCAAGCCACCTGTGTCCAACCCACACCCCCCGGAACCTGGACTCCCG
GACCTTCATCACTATCGGAGACAGAACTTCAAGTGGAGGCTGATGACTTGGTGACCATCTCAGAGCTG
GGTCGTGGAGCCTATGGGGTGTAGAGAAAGTGGGCATGCTCAGAGTGGTACCATCATGGCTGTCAAGC
GCATCCGGGCCACAGTGAACACACAGGAGCAGAAACGTCTGCTTATGGACCTAGACATCAACATGCGCAC
GGTCGACTGCTTCTACACTGTCACCTTCTATGGTGCCCTTTCAGAGAGGGGGATGTATGGATCTGCATG
GAGCTCATGGACACTTCCTGGATAAGTTCTACCGGAAGGTGCTGGAGAAGAACATGAAAATTCCGGAAG
ACATCCTGGGGGAGATCGCTGTGTCTATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR201496 protein sequence Red=Cloning site Green=Tags(s)
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MESPAASPPASLPQTKGKSKRKKDLRISCVSKPPVSNPTPPRNLDSRTFITIGDRNFEVEADDLVTISEL
GRGAYGVVEKVRHAQSGTIMAVKRIRATVNTQEQRLLMDLDINMRTVDCFYTVTFYGFALFREGDVWICM
ELMDTSLDKFYRKVLEKNMKIPEDILGEIAVSM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

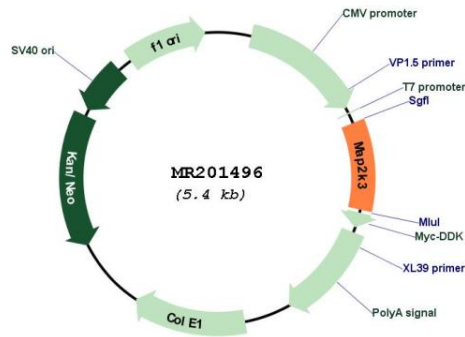
Restriction Sites:	Sgfl-MluI
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Gene Summary:

Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14.[UniProtKB/Swiss-Prot Function]

Product images:

Circular map for MR201496