

Product datasheet for **SC208905**

MAP3K12 (NM_006301) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAP3K12 (NM_006301) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAP3K12
Synonyms:	DLK; MEKK12; MUK; ZPK; ZPKP1
ACCN:	NM_006301
Insert Size:	1543 bp



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Insert Sequence: >SC208905 3'UTR clone of NM_006301
 The sequence shown below is from the reference sequence of NM_006301. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTGCGGCCCCAGCTTCCCTCCCTCCATGAAGCCACTCGTATTCCTTGTACATAGAGAAATATTTATA
TAAATTATATATATACATATATATATATATATATGCGCCACATAATCAACAGAAAGATGGGGCTGTCCC
AGCCGTAAGTCAGGCTCGAGGGAGACTGATCCCCTGACCAATTCACCTGATAAACTCTAGGGACTG
CAGCTGTGAAATGAATGAGGCACAGCCGTAGAGCTGTGGCTAAGGGCAAGCCCCCTCTGCCACCCC
CATTCTTATATTAGCAAGCAACAAGGCAATAGAAAAGCCAGGGTTGTCTTTATATTCTTTATCCCA
AATAATAGGGGTGGGGGAGGGCGGTGGGAGGGCAGGAGAGAAAACCACTTAGACTGCACTTTTCT
GTTCCGTTTACTCTGTTTACACATTTTGCCTTGGGAGGGAGGCTAAGGCTGGTCTCCCTCTG
AGGTTTCTCAGGTGGCAATGTAACCTATTTTTTGTCCACCATTATCTTCTCTGCCAAGCCCTGTC
TTAAGGCCAGGGGAGGTTAGGAGACTGATAGCATGTGATGGCTCAGGCTGAAGAACCAGGGGTGCTGT
TTAAGTCCCTGCTTTTATCCTGGTGCCTGATTGGGGTGGGGACTGTCTACTGTAACCCCTGTGAAAA
CCTTGAATATAACACTCCATGCAGGCCAGCTGTTGAGGGTTTTCTTGATGAATGAATGGGGTACCAT
ACATGGTTAAGATAAAGCCTTGGGCTCCGGACTTATCTGAGGTGTCTGGAGAAGTTCTCTGCCCTC
CACTTTTTTGCATCTACTCTCACTAAATGAGTATAATGTCAAGCCCCAACCTTTCTAAAATTATAGGAAT
AAATGGTAGCAGATACATCCTTCAACTGTTATGGAGGACTATAAATGAAGTACTAAAAACAATAGA
CTGAAATTTTATGTTTAAAAATGCAAGCCTGAACAAGGGGACCAACATCCCAAGAAACTGGAACCCA
GTCAGACATATGATCAACTGCTTAATGTGTATGCCATGTATGTGATGTCATTCTTTCCCCACCCC
CTCCCTAGTGGAAGTGCTTGCCTACTCCCTAGGACAGGTAAGTCTCGGAAAGTCTAATCCTCAATCT
TTTGGGCACAAGTTTATAAGGGCCAACCAAGCATGGAGTCAGGGAAAAATAGGATCGAGGGCCACAAA
AAAAGATGGAAGTGGTAAAAATAGAAGAAAAATCTTAACCGGAATAAAGGCTTCCATTAAAAACCAAG
AAGGGTCTTTGAGGGATAAAAGGTACAAAAATAACAGCAAGACAAGAGGAATAAAACCCACATGAATC
ACTGTGGCATCCAGTTTCTATTCACAAAGAAAAAGCTCCAGTCCATCTTTAATTTTTTTGAAAAATTC
CTGACATTACAGAACTAACTGAAATGTATTAATATTCCACTCTTACATTTCCATGACAAACAGAAAA
TTCATGAGCCAAAAAAAAAAAAACCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_006301.4](#)

Summary:

This gene encodes a member of the serine/threonine protein kinase family. This kinase contains a leucine-zipper domain and is predominately expressed in neuronal cells. The phosphorylation state of this kinase in synaptic terminals was shown to be regulated by membrane depolarization via calcineurin. This kinase forms heterodimers with leucine zipper containing transcription factors, such as cAMP responsive element binding protein (CREB) and MYC, and thus may play a regulatory role in PKA or retinoic acid induced neuronal differentiation. Alternatively spliced transcript variants encoding different proteins have been described.[provided by RefSeq, Jul 2010]

Locus ID:

7786

MW:

59.1