

Product datasheet for **SC215446**

MAPKAP Kinase 2 (MAPKAPK2) (NM_032960) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAPKAP Kinase 2 (MAPKAPK2) (NM_032960) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPKAPK2
Synonyms:	MAPKAP-K2; MK-2; MK2
ACCN:	NM_032960
Insert Size:	1593 bp



[View online »](#)

Insert Sequence: >SC215446 3'UTR clone of NM_032960
 The sequence shown below is from the reference sequence of NM_032960. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCTGGAGGCTGCGGCTCTGGCCACTGAGCCACCGCGCCCTCCTGCCACGGGAGGACAAGCAATAA
CTCTCTACAGGAATATATTTTTTAAACGAAGAGACAGAACTGTCCACATCTGCCTCCTCTCCTCAG
CTGCATGGAGCCTGGAAGTGCATCAGTGAATCTGCCTTGGTTCTGGCCACCCAGAGTGGGAGA
GGCTGGGAGGTTGGGAGGCTGTGGAGAGAAGTGAGCAAGGTGCTTTGAACCTGTGCTATTTTGAAT
TTTATCAGTAATTTGACTTAGAGTTTTTACGAAACCTCTTTTGTGCTTGCCTTGCCTCCTCCTCACC
AGAGCCCTTCTCTGGATACTGCAAAGGCTTGTGGTTTGTAGAGGGTATTTGTGAAACTGTCATA
GGGATTGTCCCTGTGTTGCCATCTGCCCTCCCTGTTTCTCCACAACAGCCTGGGGTGTCCCGCTG
GCTCACGGTTCGGGAGCTCAAGGCCACCTTGGAGGAGGATGCCACGCACTTCTCTCGGAGCCCT
CAGACATCTCCAGTGTGCCAGACAAATAGGAGTGAGTGTATGTGTGTGTGTGTGTGTGTGTGCAC
ACGTGTGTATGAGTGCAGATCTGTGCCTGGGATCGTGCAATTTGAGGGGCCAGGGCAGGCAGGGCTG
CAGAGGGAGACGGCCCTGCTGGGGCTTAGGAACCTTCTCCCTTCTGGGTCTGCCCTGCCATACTGAG
CCTGCCAAAGTGCTGGGAAGCCACCCAGATTCTGAAACAGGCCCTCTGTGGCCTGTCTCTATTAGCT
GGGTTCCGGGAGGAGAGGAGTGACCGGCACTGGCACTGCGATCAGGAAGACTGGACCCCAAGCCC
CCAGGGCCCCCTCCCCCACTTAGTGCTGGTCTAGGTCCTCTGAGGCACTCATCTACTGAATGACCT
CTCTACTTCCCCTTCTTGCCATTATTAACCCATTTTTGTTATTTTCTTAAATTTTAGCCATTTCTC
CATGGGCCACCGCCAGCTCATGTAGTGAGCCTGGCAGCTTCTGTTGGCAGAGCTTTTGCATTTCTC
GTGTTTGTCTGGGTTCTGGGGCATCAGCCAGCTACCCCTTGTGGCAAAGGCAGGGCCACTTTTGAAG
TCTTCCCTCAGATTTCCATTGTGTGGCCTGGTGGGTCAGGGGAGTCTTTCACCAAAGATGTCCTGAC
TTTGCCCCCTTGCCATCAGCCATTTGCCATCACCCAAACAACACTCAGCTTCGGGGCCGGTGAGGGGAG
GGGCTCCCCAGCACAGATGAGGAGCAGCTGGGTAGGCTGTCTGTGCCATGGCCCCCACTCCCCCT
TCCCTTGGAGGGAGAGGTGGCAGGAATACTTACCTTTCTCCTCAGGGGCAGGTGGTGGAGGGGC
GCCAGGGTCGTCTTTGTGTATGGGGGAAGGCGCTGGGTGCTGCAGCGCCTCCCTGTCTCAGATGGT
GTGTCCAGCACTCGATTGTGTAACACTGTTGTTTTGTATGAGCGAAATGTCTTTACTAACAGATTTA
ATAGTT
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCG
  
```

Restriction Sites: SgfI-RsrII

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_032960.4](#)

Summary:

This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

9261

MW:

58