

Product datasheet for **SC215009**

MAP4K5 (NM_006575) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAP4K5 (NM_006575) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAP4K5
Synonyms:	GCKR; KHS; KHS1; MAPK5
ACCN:	NM_006575
Insert Size:	1528 bp



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Insert Sequence: >SC215009 3'UTR clone of NM_006575
 The sequence shown below is from the reference sequence of NM_006575. 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
ATCTTGGCTGGACATGAAAATAGTTACTAAGCAACAGAACTGATCTCAAATGACAGGAAAATGAATAT
ACTCCATTGAAAGGAAAAATAAGGAAATCAATACAACTGCACTATGATTTGCTTAACTATTATGGG
TTATATTGCAAATGATCTGTACTTTAGGGTAGAATTCAATATTTTCTGCAGCTGGAAACAGCTAGTCTA
TCTCTTGGCACTGTGTGGTGGTTATATCAAGTTTGGCTTAAATAAAAGCTATGAGACAAATAGTCTCTAG
TTCCAGGAAACACAGTCTTTTTTAAAAAAAACAATGTTTGTAAACAAGGGTGCCATGGTATTTTTAGAT
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AACATAATTTGTTAAATTTCTCAAGCAAGGTTTTCACTTTTATATTGGCCATTCTGTATGTTTTGTAAA
ACAGAATATTTAATCCTTATTTATTAATCTCTTGGTGGAGTGGTGAATGTATCTAACTTTTAGCAAAG
GAGGGTTGCAGAGCAGCTTAAATTTTTTATAATGTATAAGAATTTTGTATCTTTTAAAGAGTAGTA
AAGTACTTTGAGTGTTTGGGGTTCAACACACACATGCAATTTTGCTTAAACAAAAGTATTTTATAATAC
AGTTTCATACAGAATTACCTTAAAGGGAGTCTTATGTTTTCACTACAGATAGTTGTAAGGGATCATA
CAGAAGATATTGATGATAGTTGAAATATCTTAGAAGGGGTGTGTATGTCTAGCTGTGTCTACCATGTG
TATGTATTCTTGACAAGCAGTATAAAAACCTGTGATTTTTCTTACATTAGGGATAATGCATAAGGAA
TTAATCTTCATATATATTATCATCCCTAATGTAGCAGGGGGAAGTATTTAATTGCCCATGATATGTATT
TACTTATACTATGCCAGAGAGGAACTATAAAGTAATTACACATGTAATCTTGGGTTTTTCACATATG
TAGGTATTCATTTTGGTAGGTTGAAGAAGAAAAAATTTAAATGAATTGAATTCCTGATGGGATA
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TCTTTTGTCTATTGTTAATATTCAAAATTAAGTGTACATTGGTACCTGTTGTCTTAATGCATTTATT
GAGAACAGCATTGAGATGATGAACAAGGGTTAGCAATAGCAAACCTCTATAATTATTTGACTAATTAC
TTAAGAGGAAAACAGTATAAGTATCTCATTAGTATTTAGCAATCTGTAAAATAAGTATTATCTCTAT
TTTTCAGATGAGGAAGTAAGGGTTAGCAAGGTTAAGAGATCTATCCAATTTACACAGCAAGTTAGTAG
TTGAGCCTGACCATGAGTCTTCTGACTCTTCTTTTCACTATGCAATACGCAACAATAAAATGTTAT
ACAAATGGAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_006575.6](#)

Summary: This gene encodes a member of the serine/threonine protein kinase family, that is highly similar to yeast SPS1/STE20 kinase. Yeast SPS1/STE20 functions near the beginning of the MAP kinase signal cascades that is essential for yeast pheromone response. This kinase was shown to activate Jun kinase in mammalian cells, which suggested a role in stress response. Two alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 11183

MW: 59.2