

## Product datasheet for **SC215010**

### MAP4K5 (NM\_198794) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MAP4K5 (NM_198794) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAP4K5
Synonyms:	GCKR; KHS; KHS1; MAPK5
ACCN:	NM_198794
Insert Size:	1528 bp



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<b>Insert Sequence:</b>	<p>&gt;SC215010 3'UTR clone of NM_198794 The sequence shown below is from the reference sequence of NM_198794. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATCTTGGCTGGACATGAAAATAGTTACTAAGCAACAGAACTGATCTCAAATGACAGGAAAATGAATAT ACTCCATTGAAAAGAAAAATAAGGAAATCAATACAACTGCACTATGATTTGCTTAACTATTATGGG TTATATTGCAAATGATCTGTACTTTAGGGTAGAATTCAATATTTTCTGCAGCTGGAAACAGCTAGTCTA TCTCTTGGCACTGTGTGGTGGTTATATCAAGTTTGGCTTAAATAAAAGCTATGAGACAAATAGTCTCTAG TTCCAGGAAACACAGTCTTTTTTAAAAAAAACAATGTTTGTAAACAAGGGTGCCATGGTATTTTTAGAT AACTCGTGATTATCTTAAGAGAGGTAATTTAGTGATCATTTTATATCATGTCTTATTCTTCTTAAATG AACATAATTTGTTAAATCTCAAGCAAGGTTTTCACTTTTATATTGGCCATTCTGTATGTTTTGTAAA ACAGAATATTTAATCCTATTTTAAATCTCTTGGAGTGGTGAATGTATCTAACTTTTAGCAAAG GAGGGTTGCAGAGCAGCTTAAATTTTTTATAATGTATAAGAATTTTGTATCTTTTAAAGAGTAGTA AAGTACTTTGAGTGGTGGGGTTCAACACACACATGCAATTTTGCTTAAACAAAAGTATTTTATAATAC AGTTTCATACAGAATTACCTTAAAAGGGAGTCTTATGTTTTCACTACAGATAGTTGTAAGGGATCATA CAGAAGATATTGATGATAGTTGAAATATCTTAGAAGGGGTGTGTATGTCTAGCTGTGTCTACCATGTG TATGTATTCTTGACAAGCAGTATAAAAACCTGTGATTTTTCTTACATTAGGGATAATGCATAAGGAA TTAATCTTCATATATATTATCATCCCTAATGTAGCAGGGGAAGTATTTAATTGCCCATGATATGTATT TACTTATACTATGCCAGAGAGGAACTATAAAGTAATTACACATGTAATCTTGGGTTTTTCACATATG TAGGTATTCATTTTGGAGTAGGTTGAAGAAGAAAAAATTTTAAATGAATTGAATTCCTGATGGGATA GTATCAATAAGTATTTAAAAGCCAGTATTCTAAAATAATAAAGGGTAGGGTCATTTTTGAGTTTGT TTCTTTTGTCTATTGTTAATATTCAAAATTAAGTGTACATTGGTACCTGTTGTCTTAAATGCATTTATT GAGAACAGCATTGAGATGATGAACAAGGGTTAGCAATAGCAAATCTATAAATTTTTGACTAATTAC TTAAGAGGAAAACAGTATAAGTATCTCATTAGTATTTAGCAATCTGTAAAATAAGTATTATCTCTAT TTTTCAGATGAGGAAGTAAGGGTTAGCAAGGTTAAGAGATCTATCCAATTTACACAGCAAGTTAGTAG TTGAGCCTGACCATGAGTCTTCTGACTCTGTTCTTTTCACTATGCAATACGCAACAATAAAATGTTAT ACAAATGGAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_198794.4</a>
<b>Summary:</b>	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