

## Product datasheet for **SC213560**

### MAPK6 (NM\_002748) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MAPK6 (NM_002748) Human 3' UTR Clone
Symbol:	MAPK6
Synonyms:	ERK3; HsT17250; p97MAPK; PRKM6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002748
Insert Size:	2000 bp



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**Insert Sequence:** >SC213560 3'UTR clone of NM\_002748  
 The sequence shown below is from the reference sequence of NM\_002748. 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
TACAGCAGCATTCTGAAACATCTGAACATAAACACTCAGCAGACATTTATCTTTGTATTCTTCATGAAA
TGTGTTTTGTCTTTTTTATTACTAGTGTTTAAGTCATTTTTTACTTGAATCAGATGGTGCATTTAGT
AAGGATTTTATGAGTCTTGTGTTTTTAAAAATCCAGACTTTCTTTTTCTACATGTGAGATAGTTTTTCATT
TTAACTGGCATGTCATTTGCACACAAAAATAAAGACTAGAGCAAAATAATGCAACGCAGGAGGAGAAAA
GAAATGCACTAAGACAAGAACATTCTCTCATAGAACATTGATCTGTTTTACAGGAAACAAACCTTGCCCT
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TTCATGAATATTTCAAGTTTTTTCATACTGTACACATTTCTTAAAACACATGATACCAGCAGCAACTGA
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TACCACCCATAGTGCTTACAAAATGCACTTCTATTTAGCCAGCGTTTATTGTAGTAAACTATTCTTAA
TAAAACACTCACTGTTTATAAATGTTCTGGTATGCATTCTTTATAGTGAAGTGTAAATACATCACAT
CTTATTTATTTAGCAAATCAGTATATTTCTGTATTTAATTATAAAAAATTAACCTAGTTTTTAAAAAT
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TTGAGATTTGCTCTGTAATACATCTTTGCGTAAGAACTTACCCTTTTACCTATCCAGCTACAAAACCAT
CCTCTTCACTCACTTTTCTTTTATCCTTGTGTTTGTACAACCAATTCTATTAATATCTGCCACCTA
CCTTCTCAAACTCCATCCTCTTCACTCACTTTTCTTTTATCCTTGTGTTTGTACAACCAATTCTA
TTAATATCTGCCACCTACCTTCTCAAACTGACTTCTATCTGGATTACAAAAGCCATATATATACAG
TGTGTGTGTGTGTGTGTGTGTGTGTGTGTATATATATTCAATTTATTTTCTGGTTGAATACTGTCA
CGTTATTAATTTAAACATACTCAAATTACCTTAAGAGGACAAGCTCTGAAGTGCAGTCATGAGAATTGA
TTTGTGGGAAAAAAAATGGGACACTTTTAGTTGGAGCTGGGTGGGGTACAAGTGCAGAGGCTTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_002748.4](#)

**Summary:** The protein encoded by this gene is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters. [provided by RefSeq, Jul 2008]

**Locus ID:** 5597

**MW:** 77.7