

Product datasheet for **SC217264**

MAPK4 (NM_002747) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAPK4 (NM_002747) Human 3' UTR Clone
Symbol:	MAPK4
Synonyms:	ERK-4; ERK4; p63-MAPK; p63MAPK; PRKM4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002747
Insert Size:	2000 bp



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Insert Sequence: >SC217264 3'UTR clone of NM_002747
The sequence shown below is from the reference sequence of NM_002747. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCGAGGCCTTCTCCAAAGAAAGGTGGAGGGGCGAGGGGCGGCTCCAGGCCCCACAGAGCAGGAGAC
CCCCAGAGAAAGCCGGGCTGGCAGGAGCGGCCGCCCTTCCCGCCCTCTCTGCTGCCTTGGGGTTGG
CAGAACACGTGAAGGATCCGAGGAGCGAGAGGAATGTCCATTTCTTAACTGCCTTAATAACTAGCCTT
TAACCTGTGGGAGCGGGTTTGAACAGGACCCTGGCTTAGGGTTGATCACTTTCCTAGCAAAGGGGAGA
CCACATGTGGTGACAGGAAGAAACGGCTTTAGACAGCAGTCTCGGGCCCCACCTGGGTGGCAGGAT
GCCGAGAAATCTTGACAGGTAGCTCCGAAACCATCTGGCCCACTAGCCTCAACTGACAGCTGAGGAA
AGGCAATTAGGCCAGAGAGGCAGAGACACTCGCTTAAGATCACAGGCTTAGTGTGAGGACGAGCTTGA
AATCCCAGTCTCTGGCCCCAGGCCAGGGTCTGTCCACCATAGAATGTCTTCTCTACTGGGTCGTT
CTGGCTTTTTGTAGAACTTGGTCTGAGATGTTTCTTCCCTGTCCATTACCATTCGATGTTCTTTTAT
TCAGAGCAATGTTTCTGTATTCTGAACTGGAACCTGAACCAAGTTTGTTCCTAGTCAACCAAGCAT
ACTTTCCTGGCTCCCCAAGTACTTAAATGTTCTCATCTGTGCGACCCCTGTATTTGCCTCACCCCTGCA
TGGTCGGAAATCTTCGTTTCAGGTCAGAACAGCCTGGGGTCTGTGGGTAAATACGCCCTTCTCCCAGG
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TAATGTTCTCTACATGAAGTCTCATTTGGAGGACAGCAGTGAGGTCCTGCCATAGAGCAATGTGTTA
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CCTTGACAAACAGCAGACCCTACAGAGATGTGTTGGAGAGCACGTCGTGACCTTGGGGCAAGGAATCC
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GAGGATCCACCAAGTTGGTCTTGGGCTGCGTTCCCTCACATCACAGCACCTTAAATCTAATCAGCAA
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GACCAACTTTTAAATGGAATATGTAATAGGAAGTGTGGGTTTTGTTTTTCTTTAAGAAAAAGA
AATGTACACCACTCCTCATGTGCCATTTTGTCTCAGAGGGCGGCTTACTTTTTTGGTAAAGGAACAA
GCTGCTGGCCTTGACCAGGAGTTCATATATACTGTTATTACAGAGGAATTGTTATACTACTAATGTT
TTTAAAAAATTTATTAACATTATTAACTTGATCAGGTCAGGCCAAATAAAGTTTTATTGGAACACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_002747.4](#)

Summary: Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase family. Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then translocate into the nucleus and phosphorylate nuclear targets. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Locus ID: 5596

MW: 73.5