

Product datasheet for **SC208972**

SAPK4 (MAPK13) (NM_002754) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SAPK4 (MAPK13) (NM_002754) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPK13
Synonyms:	MAPK-13; MAPK 13; p38delta; PRKM13; SAPK4
ACCN:	NM_002754
Insert Size:	2000 bp



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Insert Sequence:

>SC208972 3'UTR clone of NM_002754

The sequence shown below is from the reference sequence of NM_002754. 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
TCACGGCCCGGAGTGGCATGAAGCTGTAGGGACTCATCTTGCATGGCACCCGCCGCCAGACTGCC
AAGGACCAGTATTTGTCCTACCAAACTCAGCCCTTCTTGAATACAGCCTTTCAAGCAGAGGACAGAA
GGGTCTTCTCTTATGTGGAAATGGGCTAGTAGATGCAGAATCAAAGATGTCGGTTGGGAGAAAC
TAGCTCTGATCCTAACAGGCCACGTTAACTGCCCATCTGGAGAATCGCCTGCAGTGGGCCCTTCC
TTCCCGCCAGAGTGGGGCTGAGTGGGCGCTGAGCCAGGCCGGGGCTATGGCAGTGATGCTGTGTTGG
TTTCTAGGGATGCTCTAACGAATTACCACAACTGGTGGATTGAAACAGCAGAACTTGATTCCCTTA
CAGTTCTGGAGGCTGAAATCTGGGATGGAGGTGTTGGCAGGGCTGTGGTCCCTTTGAAGGCTCTGGGG
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GCTGCATCACTCCAGTCTCTGTCTCTTCTGTTCTCCTCTTTTAAACAACAGTCATTGGATTAGGGCC
CACCTAATCCTGTGTGATCTTATCTTGATCCTTATTAATTAACCTGCAAACTACTAGTTCAAATA
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CAGGTGCACAGGACTGCAGGTGGCTAATTAACAATTTTTTTTCTTTTTTGTATAGGCGGGGTTTCTC
TATGTTGCCAGGCTGATCTTGAATCTTGACTCAAGTATCCTCCACTTTGGCTCCCAAGTGCT
GGGATTATAGGCATGAGCCACCCTGCAGGCCAGACAGCATTTTTAAGGCCTTGAACCTTCTGTATA
ATACTGTAATGGTGGATACCTATTGTGCATTTGTTACCATCTGTAGGACTGGATAACACAGAGTGAACC
CTCAAGTAAACTATGGACTTCAGTTAATAATAATGTATCAGTATTGGTTCATAAATTGTAACAATTGTG
CCACACTAATGCAAGATGTTACTCATCAAGAAAAGTGGAGAGAGAGAAGGGGAGGAAGTAGGTGGGAA
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

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_002754.5

Summary: This gene encodes a member of the mitogen-activated protein (MAP) kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The encoded protein is a p38 MAP kinase and is activated by proinflammatory cytokines and cellular stress. Substrates of the encoded protein include the transcription factor ATF2 and the microtubule dynamics regulator stathmin. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]

Locus ID: 5603

MW: 74