

Product datasheet for **SC207779**

MEK6 (MAP2K6) (NM_002758) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MEK6 (MAP2K6) (NM_002758) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAP2K6
Synonyms:	MAPKK6; MEK6; MKK6; PRKMK6; SAPKK-3; SAPKK3
ACCN:	NM_002758
Insert Size:	2000 bp



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Insert Sequence:

>SC207779 3'UTR clone of NM_002758

The sequence shown below is from the reference sequence of NM_002758. 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
TCTTTTGTAAACTGATTCTTGGAGACTAAAAGCAGTGGACTTAATCGGTTGACCTACTGTGGATTG
GTGGGTTTCGGGGTGAAGCAAGTTCACACAGCATCAATAGAAAGTCATCTTTGAGATAATTTAACCCCT
GCCTCTCAGAGGGTTTTCTCCTCAATTTTCTTTTACTCCCCCTCTAAGGGGGCCTTGGAAATCTATA
GTATAGAATGAACTGTCTAGATGGATGAATTATGATAAAGGCTTAGGACTTCAAAAGGTGATTAATAT
TTAATGATGTGCATATGAGTCTCAAGCTTCTCAGACTTCTCTATTCTTTACAAAATGAATGCATTG
GCCCTGACAAAAAGGTGCTACGGTAGTGATGAAATTATAAGTAGATTTGTAGTTGTCCATTTATTAT
TTTAATATTTATGTTAAGTGCTTGGTTGAAAAGATTCCATTTTATACAAGAAGGGAGATTCAAAAAA
AAATATAAGGTTGGGTTAGCAATATTTATAGGGCTTTTATTTTTAAGTTCAATTGTGTCTGTGGTCCA
GAAGAAATATTTAATATGCATCTTTGAGAATATTATAAAAATATCAAAAAGGAGCTCTTCTGTGAAA
TGCTGTTCAGCTGTTGTGACTGCTGCCATTTTTGCAAACATCTGCCAATCCTGGGTGATCACCACA
TCTTTTAGGGGAAGTGACAAGATGCTCTGGTCATACTCTTTTCCCACTTTGGAAAACATAAAAAATCA
CTCATATAACAGCTCAAAGAGTAAACATTTGGTCTTCTGACACTTGTGGTATAGTATTAGTGGAAAG
TGATTTGTAATATGATTTTATATCCACCTACCTATTCATACCTGTGTGTATGTGTGTGTTGTGTGT
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GTCAGTTTTGAGGGGACATGTGTTAAATCACAGAAAAAATGGTGCCTTCTTCTGCGTTTGTCCCTCC
TGCCATGTGTAAGTTGTAAGGATTGCCTTTGTAGTTAATGTACTCTTTGGCTTTGTTGTTGTTTTCT
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CAAGTTGCGTTGAGGCCGCATCTTTCTCAGCAGCGTGAATAGCTGGCTCCTCTATAGGAGATGAGCT
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TCTCTTCTTCCCCTTTAGATTTGAAGTGAATCATATGTTTTCTCTGTTTGCATTTTTTCTCCT
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AGTTCCAAGATATATCTGCTTGATTAACATGAGCTTCCTCTGCTCTGAAGCTACCTCTGTCCCTATTT
TATTCTAGCCAGAAAAGGAGTATCACCCTAGTGATTATGGCTGTTCACTTTCCCATCTATCTTCTAAA
TCTGGAAGTTCTTCTTGGAGATCAAGAGAAAAATTACAATTGTATTCTTACTTTATTACCCACCT
ATGAAAACAGGAAGCAATAGGAAAAAATCCGGTTACTCCATTTTAGCTTTTGGTGAACGATGTAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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_002758.4](#)

Summary:

This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. [provided by RefSeq, Jul 2008]

Locus ID:

5608

MW:

76.3