

## Product datasheet for **SC214147**

### **MNK1 (MKNK1) (NM\_198973) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	MNK1 (MKNK1) (NM_198973) Human 3' UTR Clone
Symbol:	MNK1
Synonyms:	MNK1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_198973
Insert Size:	1385 bp



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**Insert Sequence:** >SC214147 3'UTR clone of NM\_198973  
 The sequence shown below is from the reference sequence of NM\_198973. 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
CACAAATGGACCTGACGCTCTTCGAGCTGAGGCCATCGCCCTTAACCGCCAGCTATCTCAGCACGAAGA
GAACGAACTAGCAGAGGAGCCAGAGGCACTAGCTGATGGCCTCTGCTCCATGAAGCTTTCCCTCCCTG
CAAGTCACGCCTGGCCCGGAGACGGGCCCTGGCCAGGCAGGCCGTGGTGAAGACAGGAGCCGCCAC
AGCACTCTGAAATGCTCCAGTCACACCTTATAGGCCCTAGGCCTGGCCAGGCATTGTCCCCTGGAACC
TGTGTGGCTAAAGTCTGCTGAGCAGGCAGCAGCCTCTGCTCTGTGGCTCCATTAGGCTTTTTTCATCTA
CGAAGGCCCTGAGGTTCCCATCAACCCCATTTCCCTAGGGTCTGGAGGAAAAAGCTTTTTCCAAAGG
GGTTGTCTTTGAAAAGGAAAGCAATCACTTCTCACTTTGCATAATTGCCTGCAGCAGGAACATCTCTTC
ACTGGGCTCCACCTGCTCACCCGCTGCAGATCTGGGATCCAGCCTGCTCTCACCCTGTAGCTGTGGC
GGCTGGGCTGCAGCCTGCAGGGAGAAGCAAGAAGCATCAGTTGACAGAGGCTGCCGACAGCTGCCTCT
TCCTCTCTTCTGTCAACCTCCTCTGGCGGTCTTCCACCTTCTCTGTCTCCGGATGTCTCTTT
GCCCGTCTTCCCTTGCTGAGCAAAGCCATCCCCTCAATTCAGGGAAGGGCAAGGAGCCTTCCCTCAT
TCAGGAAATCAAATCAGTCTTCCGGTCTGCAGCACGAAAAGCACATAATCTTTCTTTGTGTGACTGA
AATGTATCCCTCGTTTATCATCCCTTTGTTGTGATTGCTGCTAAAGTCAGTAGTATCGTTTTTTTAA
AAAAAAGTTTGGTGTTTTTAACCATGCTGTTCCAGCAAAGATGATACCTTAACTCCCCTGCAAGCC
CATGAACCTCCAGAGAGTGAACGGCTTGCTCTTTCTAGAATGCCATGCATTGGGTTTTAATC
AGCAGTTCCTATTATTCTGATTTTAAGCTGTTCCCTGTGATGAACCTAGAGACAGCATCGGTGTCTGT
GCTGTGTCCCCAGGTCTTGTGTGGTGGCACAGATCTGGCAGTTAGATAGTGCTCTGTGCCTAAGGTG
AAGCCACACTAGGTGAAGCCTCACTTCCCTGTTGAGCAATGCAGTGCCTGCTGCCCGTGTGCATGAA
GGTACAGCCATTAGATAAGTGAAGTATTGAGTTACATAAAGAAAAATAGATTTGCATTTGTGAGGCAG
ACGTTTATACAACACCACGGTGTCTTTATACATTGTGCTATTTTAAATAAACTGAAATTCTATGTGTG
GCCTA
ACGCGTAAAGCGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-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\\_198973.5](#)

**Summary:** This gene encodes a Ser/Thr protein kinase that interacts with, and is activated by ERK1 and p38 mitogen-activated protein kinases, and thus may play a role in the response to environmental stress and cytokines. This kinase may also regulate transcription by phosphorylating eIF4E via interaction with the C-terminal region of eIF4G. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Jan 2012]

**Locus ID:** 8569

MW: 50.7