

## Product datasheet for **SC212941**

### **MNK1 (MKNK1) (NM\_001135553) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MNK1 (MKNK1) (NM_001135553) Human 3' UTR Clone
Symbol:	MNK1
Synonyms:	MNK1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001135553
Insert Size:	1198 bp
Insert Sequence:	>SC212941 3'UTR clone of NM_001135553 The sequence shown below is from the reference sequence of NM_001135553. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGACAGGAGCCCGCCACAGCACTCTGAAATGCTCCAGTCACACCTTATAGGCCCTAGGCCTGGCCA
GGCATTGTCCCCTGGAAACCTGTGTGGCTAAAGTCTGCTGAGCAGGCAGCAGCCTCTGCTCTGTGGCTC
CATTCAAGCTTTTTCATCTACGAAAGCCCTGAGGTTCCCATCAACCCCATTTCCCTAGGGTCTGGAG
GAAAAAGCTTTTTCCAAAGGGTGTCTTTGAAAAGGAAAGCAATCACTTCTCACTTTGCATAATTGCC
TGCAGCAGGAACATCTCTTCACTGGGCTCCACCTGCTCACCCGCTGCAGATCTGGGATCCAGCCTGCT
CTCACCGTGTAGCTGTGGCGGCTGGGGCTGCAGCCTGCAGGGAGAAGCAAGAAGCATCAGTTGACAGA
GGCTGCCGACACGTGCCTCTTCCCTCTTCTCTGTACACCTCCTCTGGCGGTCTTCCACCTTCTCT
GTCCTCCGGATGTCCTCTTTGCCGTCTTCTCCCTTGGCTGAGCAAAGCCATCCCCTCAATTCAGGGAA
GGGCAAGGAGCCTTCTCATTAGGAAATCAAATCAGTCTTCCGGTCTGCAGCACGGAAGCACATAA
TCTTTCTTTGCTGTGACTGAAATGTATCCCTCGTTTATCATCCCCTTTGTTGTGATTGCTGCTAAAGT
CAGTAGTATCGTTTTTTTTAAAAAAGTTTGGTGTTTTAAACCATGCTGTTCCAGCAAAGATGATACC
TTAAACTCCCACTGCAAGCCATGAACTTCCCAGAGAGTGAACGGCTTGCCTTCTTTCTAGAAATGTC
CATGCACTTGGGTTTTAATCAGCAGTTCCTATTATTCTGATTTAAGCTGTTCCCTGTGATGAACCTAG
AGACAGCATCGGTGTCTGCTGCTGTGTCCCCAGGTCTTGTGTGGTGGCACAGATCTGGGAGTTAGAT
AGTGCTCTGTGCCTAAGGTGAAGCCACACTAGGGTGAAGCCTCACTTCCCTGTTGAGCAATGCAGTGC
CTGCTGCCCGTGTGCATGAAGGTACAGCCATTCAGATAAGTGGAACTATTGAGTTACATAAAGAAAATA
GATTTGCATTTGTCAGGCAGACGTTTATAACAACACCACGGTGCTTTTATACATTGTGCTTATTTAATA
AAACTGAAATTCTATGTGTGCCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG

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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001135553.4</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	8569
<b>MW:</b>	44.6