

## Product datasheet for **SC208650**

### MLKL (NM\_152649) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MLKL (NM_152649) Human 3' UTR Clone
Symbol:	MLKL
Synonyms:	hMLKL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152649
Insert Size:	679 bp
Insert Sequence:	>SC208650 3'UTR clone of NM_152649 The sequence shown below is from the reference sequence of NM_152649. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTAAAGAAACTCTCCACCTTTTCTAAGTAGTGTATCAAAATCTAAACCAAGGAGTCTCTGGACAAGAAG
CTGGGAGAGGCCACAACTGGACATCTCTCTCTCATATCCTTCGGCATTGGGTTATCTATGGGTGCAA
GGAGTGGGCACGCTTCTCTGTTACAAATAGAAAACGATTCCAGTCATACAGGACACATCCCCTCCAAA
TGATATTTCCAAAACATACCTCTGACAGTAACCTTTGATAGATGGTTTGTCAAATGTATCTTTCTGGGT
ATCCACACCTCTTGGCAATGAAATTTGCAGCTCCTCCCTTCCATAAATGAAGTCTCTTTCCACCATT
TGAATCTGGGCTGGCACTGTGACTTGATTTGATCAATAGAATGTGGAAGAAGTACTGTATGCCAGTTC
CAAGCCTAGGTTTCAAGAGGCCTTATAATGTCTGTTGGAACCTTACCCAGCCATGAACATGTTGAGTG
AGCATGCTGGAGAATGAGAGACCACATGAAGCAGAAACATGCTTTCTAGCTGAAGTCATACTAGCCCA
ACCAACATGGCAGCTAACACATGAATGAGGCCAATCAAGACCAGAAGAACCACTCAAGCAGATCCCAGC
CCAAATTGCCATTACACAATCAGGAGCTAAATAAATACTGTTGTCTTAACACTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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).



[View online »](#)

<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_152649.4</a>
<b>Summary:</b>	This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, is thought to be inactive because it lacks several residues required for activity. This protein plays a critical role in tumor necrosis factor (TNF)-induced necroptosis, a programmed cell death process, via interaction with receptor-interacting protein 3 (RIP3), which is a key signaling molecule in necroptosis pathway. Inhibitor studies and knockdown of this gene inhibited TNF-induced necrosis. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Sep 2015]
<b>Locus ID:</b>	197259
<b>MW:</b>	25.4