

## Product datasheet for **MR226681**

### Trim8 (NM\_053100) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim8 (NM_053100) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim8
Synonyms:	AA408830; BB006755; GERP; Rnf27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR226681 representing NM\_053100  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGAGAATTGGAAGAACTGCTTTGAGGAGGAGCTCATCTGCCCATCTGCCTGCACGTTTTCTGTGG  
 AACCGGTGCAGCTGCCATGCAAACATAACTTCTGCCGGGGCTGCATCGGGCAGGCTTGGCCAAGGACAG  
 TGGCCTTGTGCGCTGCCCGGAGTCAACACAGCCCTACAATCAGAAGCCGGCCTGGAGAAGAACCTGAAG  
 CTCACCAACATCGTGGAGAAGTTCAACGCCCTGCACGTGGAGAAGCCGCCGACGGCACTGCACTGCGTGT  
 TCTGTGCGCGGCCCGCTGCCGGCACAGAAGGTCTGCCTGCGCTGCGAGGCTCCCTGCTGCCAGTC  
 TCACGTGCAGACGCACCTGCAGCAGCCCTCCACCGCCCGGGCACCTCCTGGTGGAGGCGGACGACGTG  
 CGGGCCTGGAGCTGCCCGCAGCACAACGCCCTACCGCTGTACCACTGCGAGGCGGACGAGTGGCTGTGT  
 GCCAGTACTGCTGCTACTACAGCGGCGGCATCAGGGACTCGGTGTGTGACGTGGAGATACGGAGGAA  
 TGAGATACGGAAGATGCTCATGAAGCAGCAGGAGCGGCTGGAGGAGAGAGCAGGACATTGAGGACCAG  
 CTGTACAAGCTCGAGTCAGACAAGCGCCTGGTGGAGGAGAAAGTGAAGCCAGCTGAAGGAGGAGGTGCCGC  
 TGCACTACGAAAAGCTGCACCAGCTGCTGGATGAAGACTTGCGGCAGACAGTGGAGTCTGGACAAGGC  
 GCAAGCCAAGTTCTGCAGCGAGAACCGGGCGCAGGCGCTGCACCTTGGGGAGCGCATGCAGGAGGCCAAG  
 AAGCTGCTGGGCTCCCTGCAGCGTCTCTTCGACAAGACAGAGGACGTGGCTTCTAAGAACAACCAAGT  
 CTGTGAAAATCCTAATGGACAGGACCCAGACCTGCACGGGCAGCAGCCTTTCTCCCCCTAAGATCGGCCA  
 CCTGAAGTCCAAGCTGTTCTGAACGAGGTGGCCAAGAAGGAGAAGCAGTTGCGGAAGATGCTAGAAGGT  
 CCCTTACGACACCGGTGCCCTTCTACAGAGCGTACCCCTGTACCCTTGTGGTGAACAGCTTGGGG  
 CCGAAAAGCGCAAGCACTGCAGCAGCTTCCCTGAGGCTAGCTTCTGGAGACTTCGTGAGCCCAAGTGGG  
 CGGCCAGTACGGGGCAGCGGGCACAGCCAGCAGGAGGGGAGTCTGGGCAGCCCTGGGTCCCTGCAGC  
 TCCACGCAGCACTTGGTGGCTCTGCCAGGCGGTACCCAGCCAGTACACTCGAGTCCCGTGTTCGCCCTT  
 CGCAGTACCCCAACGGCTCCACCACCCAGCAACCCATGCTCCCCAGTATGGCGGCCGAAGATTCTCGT  
 CTGTTCTGTGGACAAGTGTACTGCTCTCCGTGGCCAACACGGTGGCCACCAGCCGTACCCCGATCC  
 GGCCACTTCCCTGGACAGTGCCTCACAGGAGTATTACACCCACTTCCACCCACACCTCCGTCCTC  
 AGTCACTTCTGGCTGGCGGTGAGAGACTGGCTCGACGCTTCTCAGCAGCTGGCCACCAGGATTCTA  
 CAGGGTGTATGGCAGCCGTCCACCAAACTATGTGACAAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR226681 representing NM\_053100  
 Red=Cloning site Green=Tags(s)

MAENWKNCFEELICPICLHVFVEPVQLPCKHNFRCGICGEAWAKDSSLVRCPECNQAYNQKPGLEKNLK  
 LTNIVEKFNALHVEKPPTALHCVFCRRGPPLPAQKVCLRCEAPCCQSHVQTHLQQPSTARHLLVEADDV  
 RAWSCPQHNAAYRLYHCEAEQVAVCYCCYSSGAHQHGSVCDEVEIRRNEIRKMLMKQERLEEREQDIEDQ  
 LYKLESDKRLVEEKVSQLKEEVRLQYEKLHQLLDEDLRQTVEVLDKAQAKFCSENAQAHLGERMQEAK  
 KLLGSLQRLFDKTEDVGFMKNTKSVKILMDRTQTCTGSSLSPPKIGHLNSKFLNEVAKKEKQLRKMLEG  
 PFSTPVPFLQSVPLYPGVNSSGAEKRKHSTAFPEASFLETSSGPVGGQYGAAGTASSEGSQPLGPCS  
 STQHLVALPGGTQPVHSSPVFPPSQYPNGSTTQQPMLPQYGRKILVCSVDNVCYSSVANHGGHQPYPYRS  
 GHFPWTVPSQEYSHPLPPTSPVQSLPGLAVRDWLDASQPGHQDFYRVYGPSTKHVYTS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9039\\_c10.zip](https://cdn.origene.com/chromatograms/mm9039_c10.zip)

**Restriction Sites:**

Sgfl-MluI

## Cloning Scheme:



ACCN: NM\_053100

ORF Size: 1653 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM\\_053100.2](#), [NP\\_444330.2](#)

RefSeq Size: 3262 bp

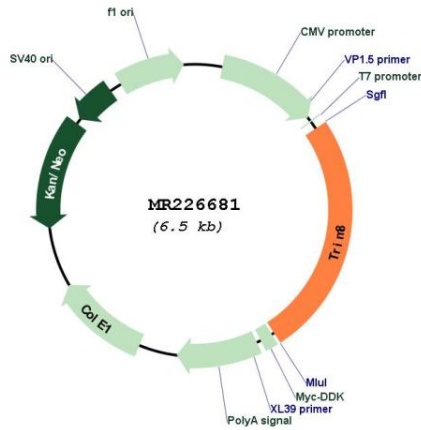
RefSeq ORF: 1656 bp

Locus ID: 93679

UniProt ID: [Q99PJ2](#)

**Cytogenetics:** 19 C3  
**MW:** 62.1 kDa  
**Gene Summary:** Probable E3 ubiquitin-protein ligase which may promote proteasomal degradation of SOCS1. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR226681