

## Product datasheet for **MR208017**

### Trim69 (NM\_080510) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim69 (NM_080510) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim69
Synonyms:	4921519C19Rik; Rnf36; Trif; Trimless
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208017 representing NM\_080510  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGTATCTTCTCGCCCCCTCCAACCTTTGATCCAGGCAACTATGTTGAAATGAGTGATCCAACCA  
 CCACCCATTTACCTCAAAGTGGTGATACAAGATCTTACCACGGAGCTACACTGCCTCTGTGTAAACGA  
 CTGGTTCCGTGATCCGCTGATGCTGACCTGTGGCCACAACCTTCTGCCAAGACTGTATTCAAAGCTTCTGG  
 AAAGTGCATTCAAAGGAAACATTCTGCTCTGACTGTAAGATGCTATGCCAGTATAGCAACTGTACATTCA  
 ACCTCGTCTGGAGAAGCTCGTGGAGAAGATTAAGAAGTTACCCCTGCTCAAGGGCCATCCACAGTGCCC  
 AGAGCATGGAGAGAACCTGAAACTGTTCAAGTAAAGCCAGAAGGCAAAATGATCTGCTTTCAATGCAAGGAT  
 GCACGGTGTCTATGGGGCAGTCTAAGGATTTCTGCAGATCTCTGAAGCTGTCCGTTTCTTACGGAGG  
 AGCTTGCTATCTATCAGAGCCAACCTCAGACAACCTGAAGGAGCTTCACTCTCAGAACAATTCAGAA  
 AGATGCTATTTCTGCTTACAAGGACAACAAGATACAACCTGCAACAAAACCTTTCTTGGAGTTTCTAAAG  
 CTACATCAGTTTCTGCACAACAAAGAAAAGGACATTCTAAATGACCTCCGGGATGAGGGGAAACTCTTGA  
 ATGAGGAGATGGAGGTGAATCTGAACCAGATTCAGGAGCAGTGTCTTGTGCCAAAGACATGCTGGCGAC  
 CATTACAGGCACGGATGGAACAGCAGAACCTCTCGACTTCTCACAGACATCACAAAGCTCATAGAGAGC  
 ATGGAGAAAGGAATGAAGACAATTGTACCTAGACAGCTCATCGCCAAAAGCTGAGCCTAGGCCGCTTCA  
 AAGGTCCTATCCAGTATATCATCTGGAAGGAAATGCAGGCTATTCTCTCTCCAGGCCCATCTCAATTAAC  
 TCTGGATCCTAAAACAGCTCATCCCAATCTGGTGTATCCAAAAGCCAGACCAGTGTGTCACTGTGAT  
 GTTAAGCAGGTAATGCCTGATGATCCAGAGCGGTTTGAATCAAGTGTGGCTGTACTGGGCTCAAAGGCT  
 TCACCTCTGAAAATGGTACTGGGAAATAGAAGTAGGAAAGAAGACAAAATGGACAATGGAGTCGTGAG  
 AGAGTCCATCATTCCGGAAGGGGAGCTGCCCTCTGACTCCAGAGCAAGGATTCTGGCTTCTAAGACTAAGA  
 AACCAACAGATCTAAAGGCCCTGGATTTGCCCTCCCGTAGTCTGACTCTAGCGACCTCAGAAGAGTGG  
 GCGTGTACCTGGATTATGAGGGCGGCAAGTATCCTTCTACAACGCTACAACCATGACCCATCTTTACAC  
 CTTTAGCAGTGTTCAGGAGAAACTTTCCCTACTTGTGCCCTGCCTAATGACGGTGGGAGAAAT  
 AAAGAACCCTTGACATCGTACATCCACAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208017 representing NM\_080510  
 Red=Cloning site Green=Tags(s)

MEVSSRPPSNFDPGNYVEMSDPTTTHLPSKVVIQDLTTELHCPLCNDWFRDPLMLTCGHNFCQDCIQSFW  
 KVHSKETFCDCKMLCQYSNCTFNLVLEKLVKIKKLLKHPQCPEHGENLKLFSKPEGMKICFQCKD  
 ARLSMGQSKDFLQISEAVRFFTEELAIYQSQLQTLKELQSLRTIQKDAISAYKDNKIQLQNLSEFLK  
 LHQFLHNKEKDILNDRDEGKLLNEEMVNLNQIQEQCLYAKDMLATIQARMEQQNSFDLTDITKLIES  
 MEKGMKTIVPRQLIAKKLSLGRFKGPIQYIIWKEMQAILSPGPSQLTLDPKTAHPNLVLSKSQTSVCHCD  
 VKQVMPDDPERFDSSVAVLGSKGFTSGKWWYWEIEVGKTKWTIGVVRESIIRKGSCLPTPEQGFWLLRLR  
 NQTDLKALDLPSRSLTLGDLRRVGVYLDYEGGQVSFYNATMTHTLYTFSSVFQEKLPYLCPLNDGGEN  
 KEPLHIVHPQ

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9060\\_g01.zip](https://cdn.origene.com/chromatograms/mm9060_g01.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_080510

**ORF Size:** 1500 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\\_080510.3](#)

**RefSeq Size:** 1781 bp

**RefSeq ORF:** 1503 bp

**Locus ID:** 70928

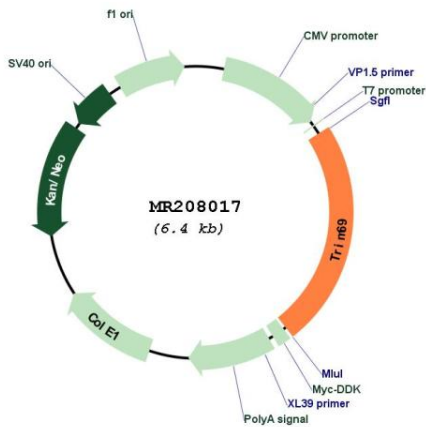
**UniProt ID:** [Q80X56](#)

**Cytogenetics:** 2 E5

MW: 57.3 kDa

Gene Summary: May have E3 ubiquitin-protein ligase activity. May play a role in apoptosis.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208017