

## Product datasheet for **RR203094**

### Trim69 (NM\_001013160) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim69 (NM_001013160) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim69
Synonyms:	Rnf36
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR203094 representing NM\_001013160  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGGTATCTTCTAGGCCCCCTCCAACCTTTGATCCAGGCAACTATGTTGAAGTGAGTGATCCGAGCA  
 CCCACTTACCCTCCAAAGTGGTGATACAGGATATTACCACAGAGCTGCACTGCCCGCTGTGTAACGACTG  
 GTTCCGAGACCCGCTGATGCTCACCTGCGGCCACAACCTTCTGTCAAGCCTGTATTCAAACTACTGGAAG  
 ATGCAGGCGAAGGAGACGTTCTGCCCGAGTGTAAGATGCTGTGTGAGTACAGCAACTGCACGTTCAACC  
 TGGTGCTGGAGAAGCTGGTGGAGAAGATTAAGAGGCTACCCCTGCTCAAGGGCCATCCCCAGTGCCAGA  
 GCACGGCGAGAACCTGAACTGTTCAGTAAGCCAGACGGGAAAATGATCTGCTTTCAGTGAAGGATGCC  
 CGGCTGTCCATGGCCAGTCTAAGGATTTCTGCAAACTCTGAAGCCGTCGTTTCTTTACGGAGGAGC  
 TTGCTATCTATCAGAGCCAACCTCAGACAACCCGAAGGAGCTTCAGTCTCTCAGAACAATGCAAAAAGA  
 TGCTATTGCTGCTTACAAGGACAACAAGATACAACCTGCAACAAAACCTTTCTTGGAGTTTCTAAAGCTG  
 CATCAGTTTCTGCACAACAAAGAAAAGGACATTCTCAATGATCTCCGGGATGAGGGGAAAGTCTTGAATG  
 AGGAGATGGATGCGAATCTGAACCAAGATTCAGGAGCAGTGCTCCTTGCCAAAGACATGTGGCGAACAT  
 TCAGGCACGGATGGAACAGCAGAACCTCTCGACTTCTCACAGACATCACAAGCTCCTAGAGAACATG  
 GAGAAAGGAATGAAGACACTTGTACCCAGACAGCTTATCTCCAAAAGCTGAGCCTAGGTCGCTTCAAAG  
 GTCCTATCCAGTATACCATCTGGAGGAAAATGCAGTCCATTCTCTCCAGGCCCATCTCAACTAACTCT  
 GGATCCTAAAACAGCTCATCCAAATCTGGTGCTATCCAATAGCCGGACCAGTGTGTGCCACGGTGATGTT  
 AAACAGGTAATGCCTGATGACCCAGAGAGGTTTGATTCAAGTGTGGCTGTGCTAGGCTCAAAGGCTTCA  
 CCTCTGGGAAATGGTACTGGGAAATAGAAGTGGCAAAGAAGACAAAATGGACGATTGGAATCGTCAGAGA  
 GTCTATCATTTCGGAAGGGGAGCTGCCCTCTGACTCCAGAGCAAGGATTCTGGCTTCTAAGACTAAGGAAC  
 CAACCGATCTAAAGCCCTGGATCTGCCCTCATGCAGTCTGAACCTAGGTGATCTCAGAAGGGTGGGTG  
 TGTACCTGGATTATGAGGGAGGGCAGGTGCTCTTACAATGCTACGAACATGACCCATCTTTACACCTT  
 CACTAGTGTCTTCTGGAGAACTTTTCCCTACTTGTGCCCTGCCTTAATGACGGTGGGAGAATAAA  
 GAGCCATTGCACATCGTACATCCACAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR203094 representing NM\_001013160  
 Red=Cloning site Green=Tags(s)

MEVSSRPPSNFDPGNYVEVSDPSTHLPSKVVIQDITTELHCPLCNDWFRDPLMLTCGHNFCQACIQNYWK  
 MQAKETFCECKMLCQYSNCTFNLVLEKLVKIKRLPLLKGHPQCPEHGENLKLFSKPDGKMICFQCKDA  
 RLSMGQSKDFLQISEAVRFFTEELAIYQSQLQTTLKELQSLRMTQKDAIAAYKDNKIQLQNLSEFLKL  
 HQFLHNKEKDILNDRDEGKVLNEEMDANLNQIQEQCLLAKDMLANIQARMEQQNSFDFLTDITKLENNM  
 EKGKMTLVPRQLISKKLSLGRFGPIQYTIWREMQSILSPGPSQLTLPKTAHPNLVLSNSRSTVCHGDV  
 KQYMPDDPERFDSSAVLGSKGF TSGKYYWEIEVAKTKWTIGIVRESIIRKGSCLTPEQGFWLLRLRN  
 QTDLKALDLPSCSLNLGDLRRVGVYLDYEGGQVSFYFNATNMTHLYTFTSVFLEKLPYLCPLNDGGENK  
 EPLHIVHPQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

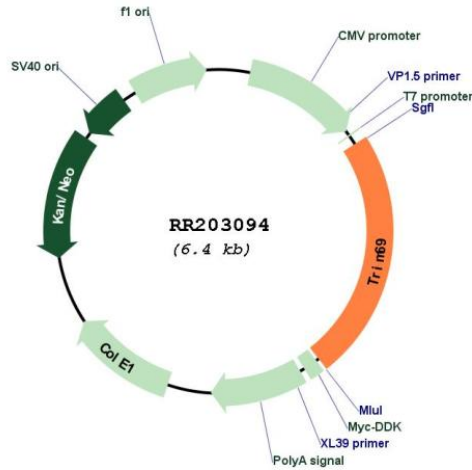
Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



<b>ACCN:</b>	NM_001013160
<b>ORF Size:</b>	1497 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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\\_001013160.1](#), [NP\\_001013178.1](#)

**RefSeq Size:** 1632 bp

**RefSeq ORF:** 1500 bp

**Locus ID:** 311373

**UniProt ID:** [Q5BK82](#)

**Cytogenetics:** 3q35

**MW:** 57.2 kDa

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