

## Product datasheet for **RN202382**

### Trim63 (NM\_080903) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Trim63 (NM\_080903) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Trim63  
**Synonyms:** Murf; Murf1; Rnf28  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN202382 representing NM\_080903  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATTATAAATCTGGCTTGATTCCGGACGGAATGCTATGGAGAACCTGGAGAAGCAGCTCATCTGCC  
CCATCTGCCTTGAGATGTTTACCAAGCCTGTGGTCATCCTGCCCTGCCAGCACAACTCTGCCGGAAGTG  
TGCCAACGACATCTCCAGGCTGCCAATCCCTACTGGACCAACCGCGGTGGCTCGGTGTCCATGTCTGGA  
GGTCGTTCCGCTGCCCTCGTGCCGCATGAAGTGATCATGGACCGGCATGGGGTGTACGGTCTGCAGA  
GGAACCTGCTGGTGGAGAACATCATCGACATCTACAAGCAGGAATGCTCCAGTCGGCCCCTCAGAAAGG  
CAGCCACCCGATGTGCAAGGAACACGAAGACGAGAAAATCAACATCTACTGTCTCACGTGCGAGGTGCC  
ACTTGCTCCTTGTGCAAGGTGTTCCGGGGCTCACCAGGCCTGTGAAAGTTGCCCCCTTACAAAGCATCTTC  
AAGGACAGAAGACTGAACTGAGCAATTGCATCTCCATGCTGGTGGCAGGGAACGACCGAGTTCAGACTAT  
CATCTCGCAGCTGGAGGACTCCTGCCGAGTGACCAAGGAAAACAGCCACCAGGTGAAGGAGGAACTGAGC  
CACAAGTTTGACGCCCTTACGCCATCCTGGACGAGAAGAAGAGTGAGCTGCTGCAGCGGATCACTCAGG  
AGCAGGAGGAGAAGCTGGACTTCATCGAGGCCCTGATCCTCCAGTACCGAGAGCAGTTGGAAAAGTCGAC  
CAAGCTTGTGAAACAGCCATCCAGTCCCTGGATGAGCCCGGAGGGGCCACCTTCTCTTGTGAGTGCCAAG  
CCGCTCATCAAGAGCATTGTAGAAGCTTCCAAGGGCTGCCAGCTGGGGAAGACAGAACAAGGCTTTGAGA  
ACATGGACTACTTTACTCTGAATTTAGAACACATAGCAGAGGCCTTGAGGGCCATCGACTTTGGGACAGA  
TGAGGAGGAGGAGTTTACTGAAGAGGAGGAGGAGGATCAAGAAGAGGGCGTGTCCACAGAGGGACAC  
CAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_080903
<b>Insert Size:</b>	1056 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_080903.1</a></u> , <u><a href="#">NP_543179.1</a></u>
<b>RefSeq Size:</b>	1861 bp
<b>RefSeq ORF:</b>	1056 bp
<b>Locus ID:</b>	140939
<b>UniProt ID:</b>	<u><a href="#">Q91Z63</a></u>
<b>Cytogenetics:</b>	5q36
<b>Gene Summary:</b>	ubiquitin ligase that is upregulated in models of muscle atrophy; may facilitate protein degradation and skeletal muscle atrophy [RGD, Feb 2006]