

## Product datasheet for RN207467

### Trim54 (NM\_001013217) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Trim54 (NM\_001013217) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Trim54  
 Synonyms: Rnf30  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN207467 representing NM\_001013217  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAACTTCACGGTGGGTTTCAAGCCGCTGCTGGGGATGCACACAACATGGACAACCTGGAGAAGCAGC  
 TCATCTGCCCCATCTGCCTGGAGATGTTCTCCAAGCCCGTGGTATCTTGCCGTGCCAACACAACCTGTG  
 CCGCAAGTGTGCCAACGACGCTTCCAGGCCTTAACCCTCTGTGGCAATCCCGGGCTCCACAACCTGTG  
 TCTTCAGGAGGAGCTTCCGCTGCCATCTTGTAGGCACGAGGTTGCTCCTGGACCGGCATGGCGTCTACG  
 GCCTGCAGCGGAACCTGCTAGTGGAATATTATTGACATCTACAACAGGAGTCCCTCCCGCCACTGCA  
 CTCCAAGGCTGAACAGCACCTTATGTGTGAGGAACATGAAGACGAGAAGATTAACATCTACTGTCTGAGC  
 TGTGAGGTGCCACCTGCTCTCTGCAAGGCTTTGGCGCCACAAGGACTGTGAGGTGGCCCCCTGCGC  
 CCACATTTACAAACGCCAGAAGAGTGAGCTGAGTGACGGCATCGCGATGCTGGTGGCAGGCAACGACCG  
 TGTGCAGGCAGTGATCACGCAGATGGAGGAGGTGTGCCAGACCATTGAGGACAACAGCCGACAGAGAAA  
 CAACTGTTAAACCAGAAGTTCGAGACCTGTGCGCGTTTTGGAGGAGCGCAAGGGCGAGTTGCTTCAAG  
 CGCTGGCTCGGGTCAAGAGGAGAAGCTGCAGCGCGTGCCTATCCGCCAGTACGGAGACCACTT  
 GGAGGCCCTCTAAGCTGGTGGAGTCCGCCATCCAGTCCATGGAGGAGCCGAGATGGCTCTCTACCTC  
 CAGCAGGCCAAGGAGCTGATCAACAAGGTCGGGGCAATGTGCAAGGTGGAGCTGGCTGGACGCGCCGAGC  
 CAGGCTATGAGAGCATGGAGCAATTCTCTGTGATCGTGGAGCACGTGGCGGAAATGTTGCGGACCATCGA  
 CTTCCAGCCGGCGCCTCTGGGGATGAAGAGGATGACGAGGTGACTTTGGACGGGAAAGAGGGCAACACA  
 GGGCTGGAGGAGGAGCGCTGGACGGGCCAGAAGTTTGCAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001013217



<b>Insert Size:</b>	1095 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>NM_001013217.1, NP_001013235.1</u>
<b>RefSeq Size:</b>	1450 bp
<b>RefSeq ORF:</b>	1095 bp
<b>Locus ID:</b>	362708
<b>UniProt ID:</b>	<u>Q5XIH6</u>
<b>Cytogenetics:</b>	6q14
<b>Gene Summary:</b>	May bind and stabilize microtubules during myotubes formation.[UniProtKB/Swiss-Prot Function]