

## Product datasheet for **MC210181**

### Trim54 (NM\_021447) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim54 (NM_021447) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim54
Synonyms:	4930486E09Rik; 4930566I02Rik; MURF; MURF-3; MuRF3; Rnf30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210181 representing NM_021447 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACCTCACGGTGGGTTTCAAGCCGCTGCTAGGGGATGCGCACAAATGGACAACCTGGAGAAGCAGC  
TCATTTGCCCATCTGCCTGGAGATGTTCTCCAAGCCCGTGGTATCTTGCCTGCCAACACAACCTGTG  
CCGCAAGTGTCCAACGACGCTTCCAGGCCTAATCCTCTGTGGCAATCCCGGGCTCCACAACGGT  
TCTTCAGGAGACGTTTCCGATGCCATCTGTAGGCACGAGGTTGTCTGGACAGGCATGGTGTCTATG  
GCCTGCAGCGAACCTGCTAGTGGAGAACATCATTGACATCTACAAGCAGGAGTCTCCCGCCACTGCA  
CGCCAAGGCTGAACAGCACCTCATGTGTGAGGAGCACGAGGACGAGAAGATCAACATCTACTGCCTGAGC  
TGCGAGGTGCCACCTGCTCTCTGCAAGTTTTTCGGCGCCCAAGGACTGTGAGGTGGCCCTCTGC  
CCACCATTTACAAACGCCAGAAGAGTGAGCTGAGCGATGGCATCGCGATGCTGGTGGCGGCAATGACCG  
TGTGCAGGCAGTGATCACCCAGATGGAGGAGGTGTGCCAGACCATTGAGGACAACAGCCGACAGAGAAG  
CAACTGTTAAACCAGAGGTTTCGAGACCTGTGCGCGTTTTGGAGGAGCGCAAGGGCAACTGCTTCAAG  
CACTGGCCCGGGAGCAGGAGGAGAAGTTGCAGCGCTGCGGGCCTCATCCGCCAGTACGGAGACCACTT  
GGAGGGCTCCTCAAAGCTGGTGGAGTCCGCCATCCAGTCCATGGAGGAGCCGAGATGGCTCTACCTC  
CAGCAGGCAAAGGAGCTGATCAACAAGGTCGGGCAATGTCGAAGGTGGAGCTGGCAGGACGGCCGGAGC  
CAGGCTATGAGAGCATGGAGCAATTCTCTGTGAGCGTGGAGCACGTGGCCGAAATGTTGCGAACCATCGA  
CTTCCAGCCGGCGCGCTGGGGATGAAGAGGATGACGACATGGCTTTGGATGGGAGGAGGGCAATGCG  
GGGCTGGAGGAGGAGCGCTGGACGTGCCAGAAGGCTCAGGCCTGCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1652\\_d03.zip](https://cdn.origene.com/chromatograms/ja1652_d03.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_021447
<b>Insert Size:</b>	1101 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>	<a href="#">NM_021447.2</a> , <a href="#">NP_067422.1</a>
<b>RefSeq Size:</b>	1548 bp
<b>RefSeq ORF:</b>	1101 bp
<b>Locus ID:</b>	58522
<b>UniProt ID:</b>	<a href="#">Q9ERP3</a>
<b>Cytogenetics:</b>	5 B1
<b>Gene Summary:</b>	May bind and stabilize microtubules during myotubes formation.[UniProtKB/Swiss-Prot Function]