

## Product datasheet for **MC218906**

### Trim55 (NM\_001081281) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim55 (NM_001081281) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim55
Synonyms:	D830041C10Rik; Murf2; Rnf29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC218906 representing NM\_001081281  
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGCACTTCTCTGAATTACAAGTCTTTCTCCAAAGAGCAGCAGACCATGGATAACTTGGAAAAGCAAC  
TGATCTGTCCCCTGCCTAGAGATGTTACGAAGCCTGTGGTCACTTCCCTTGCCAGCACAACCTGTG  
CAGGAAATGTGCCAGTGACATCTTCCAGGCCTCTAACCCGTACTTACCCACAAGAGGAGGCCACCACCGTG  
GCATCAGGGGGCCGCTTCCGCTGTCCCTCCTGCAGACATGAGGTGGTGTAGACAGACATGGGGTCTATG  
GACTGCAGAGGAACCTGCTCGTGAAAACATTATTGATATCTACAAGCAGGAATCCACCAGGCCAGAAAA  
AAAATTGGACCAGCCATGTGTGAAGAGCATGAAGAGGAACGCATCAACATCTATTGTCTGAACTGTGAA  
GTGCCACCTGTTCCCTGTGCAAGGTTTTGGCGCCCATAGGACTGCCAGGTGGCTCCCTGACTCATG  
TGTTCCAGAGGCAGAAGTCAGAGCTCAGTGATGGTATTGCTGTACTTGTGGGAAGCAACGATAGAGTCCA  
GGGTGTGATCAGCCAGCTGGAGGACACCTGTAATACTATTGAGGAGTGCAGAAAGCAGAAACAGGAC  
CTGTGTGAGAAATTTGATCACCTATACGGCATCCTGGAGGAGAGGAAGACTGAAATGACCCAAGCCATCA  
CTCGAACACAGGAGGAGAACTGGAACATGTCCGAACTTTATCAGGAAGTATCCGATCACCTGGAGAA  
CGTATCCAAGTTGGTGGAGTCAGGAATCCAGTTTATGGATGAGCCCGAAATGGCAGTATTTCTGCAGAA  
GCCAAGACCCTGTTGCAAAAGATCGTGGAAGCATCAAAGCGCTTTCAGATGGAGAACTAGAACAAAGTT  
ATGAGATCATGAGCAACTTCACTGTCAATCTCAATAGAGAAGAAAAAATTATCCGTGAAATTGACTTTTC  
TAGAGAAGAGGAAGGAAGAAGATGCAGGAGAAATAGATGAAGAAGGAGAAGGAGAGGATGCAGTAGAA  
GTAGAAGAGGCAGAAAAATGTTCAAATAGCATCTCAGGGGAAGAGGAGAGTCTGGAGAAAGCTGCAGAGC  
CCTCTCAGCTTCCCGCAGAGCTTCAGGTCGCCCCAGAGCCACTACCTGCTTCTCCAGAACCCTTTTC  
ATCCATGCCACCTGCTGCAGATGTCCTGGTGACACAGGGGGAGGTGGTGCCCATTTGGCTCTCAGCAGACC  
ACACAGTCTGAAACTTACGGCCCTTACGAGCGGAACTGCGGATCCCTTGTGTTTACCCTAGTTGGTATA  
AAGGCCAAAGCCGAAAACCAGCTCCAACCCACCTTCACTCATGGGAGTGAAGGTCTGGGTCAAATAGG  
GCCTCTGGGCATTGAGGATTCCAGTGTGCAGTCCGCAGAAGTGGCAGAAGCCGAACCAATGAGCAGGCA  
GCAGTGAGTGGTAAGGAGTCTAGTTCAACTGCAGTACCTCTCAGATTGGATTTGAGGCCCTTCTCCCC  
AGGACAGTCTGCAGCCTTGGGGAGTGGGGTGGGGCTGATCCTGAGCCAGCTCGCCACGTCTTCTCCTT  
CTCCTGGTTGAATCCCTAAATGAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1660\\_g04.zip](https://cdn.origene.com/chromatograms/ja1660_g04.zip)

Restriction Sites: Sgfl-Mlul

ACCN: NM\_001081281

Insert Size: 1638 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_001081281.1](#), [NP\\_001074750.1](#)

**RefSeq Size:** 1787 bp

**RefSeq ORF:** 1638 bp

**Locus ID:** 381485

**Cytogenetics:** 3 A2