

Product datasheet for **MC202427**

Trim37 (NM_197987) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim37 (NM_197987) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim37
Synonyms:	1110032A10Rik; 2810004E07Rik; A1848587; AU043018; MU; MUL; TEF3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC059070 sequence for NM_197987

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>BC059070 sequence for NM_197987
TTTGCGAATTCTCTGTGGCGCCTGTTCCGCCCCGGACGGGCCCGCGCGGTTTTTCACACGCGCGCGCCG
GGTACAGTGGCCAGGGCTCCACGCGGACGCGAGCCAGCTGCTGAGGCGGGAGGAAGGCGTTGCGGCT
ACCGCTAGCCCTTCCCTCTCCGCCCCAGGGCTGGCGCGCGGATAAAAAAAAAATGGCGAAAATGCGGGGTAG
CCGGTGGGGAACCCGACGGGATGGGGCGCGGAGGTGGCACTGTTGTGGGAGCCTGCTGAGGTGAGCGCAG
CTGACCTGGCGACCTCGGGCCGGCGCCTGACAGCGCAGACACGGACTCCGAGGGTCGCCGAGGGCCCGC
CGAGAGCCGGAGGCAATGGATGAGCAGAGTGTGGAGAGCATTGCTGAGGTTTTCCGATGTTTCATTTGTA
TGGAGAAATTGCGGGATGCTCGACTGTGCTCCTATTGCTCCAAGCTCTGTTGTTTCAGCTGTATTAGGCG
CTGGCTGACAGAGCAAAGAGCTCAGTGTCTCACTGCTGCTCCACTCCAGCTACGGGAAGTGGTGAAC
TGTCGTTGGGCGAAGAAGTGACACAGCAGCTTGACACTCTCCAGCTGTGTAGTCTACCAAACATGAAG
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CACTGGTATATTACTCAGTTGGAAGCTGCACAGACTGGTTATATCCAACAAATAAACAATCTTAAAGAGA
GACTGACTATTGAGCTGTCCGAACTCAGAAATCCAGAGATCTGTCAACCACAGATAATCATCTTAGCCC
TCAAAATGATGATTCTCCTGAGACACGAACTAAGAAAGCTGGGTCATGCTCTGACATGCTCTGGAAGGC

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GGTCCTACTTGGCCTTCTGTACGAGAGACCAAGGAAGATGAAGATGAGGAGGAGAAGATTAGAATGAAG
ACTATCATCATGAGCTCTCGGATGGAGATCTGGACCTGGATCTTGTGGAGAAGATGAAGTGAATCACCT
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CCTGAAACATAACTATAGTGCAACAAATATTTTGAACAATATATTTCCATTGGTTGGACCTTGATCTCA
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TGTAATGTGCACACTAAAGCTGGCCAAGAGACTGTTGAAGAAGCGTGGATGTGCATAGGAGAGCACCCC
CCCCACCTGCATGTAAGTGTGCTCCTCTGTGTCATGGTGTAGCTTGTGCTGAATGCTGTGACT
CATAGTTTACTGTTCTCTAACAGCTTGCATTTTCGTTAATAAAAATTAAGTGAAGAAAAA AAAAAAAAAA
    
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- Restriction Sites:** Ascl-NotI
- ACCN:** NM_197987
- Insert Size:** 2886 bp
- OTI Disclaimer:** 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).
- 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: [BC059070](#), [AAH59070](#)

RefSeq Size: 4421 bp

RefSeq ORF: 2886 bp

Locus ID: 68729

UniProt ID: [Q6PCX9](#)

Cytogenetics: 11 C

Gene Summary: The protein encoded by this gene is part of the tripartite-motif containing family (TRIM), which is typified by the RING, B-box type 1, B-box type 2, and coiled-coil region domains. In mouse this protein is proposed to oligomerize through its coiled coil domain and has been reported to be expressed in neural crest-derived tissues as well as in tissues whose development is regulated by mesenchymal-epithelial interactions. In humans, mutations in this gene are associated with mulibrey (muscle-liver-brain-eye) nanism, an autosomal recessive disorder characterized by prenatal onset growth failure, cardiomyopathy and dysmorphic features. [provided by RefSeq, Jan 2013]