

Product datasheet for **MC216610**

Trim58 (NM_001039047) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim58 (NM_001039047) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim58
Synonyms:	Gm16; Gm1783
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216610 representing NM_001039047
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACGGCACCCGGGAGCGACTGCAGGAGGAGCGCGGTGCTCCGTGTGCCTGGACTTCTGCAGG
 AGCCCATCAGCGTGGACTGCGGCCACAGTTTCTGTCTGCGGTGCATCTCGGAGTTCTGCGAGAAGTCGGA
 CAGCGCTCAGGGCGTCTACGCCTGTCCCAAGTGCAGGGTCCCTTCAGGCCCGCCAGCTTACAGCCCAAC
 CGGCAGCTGGCCAGCCTGGTGGACAGCGTGCAGGAGTGGGGCTGGGCACGGGACACCGGGGTCGCGTC
 AGTGTGCGAGGCACGGTGGAGCCTGAGCCACTTCTGTGAAGAGGACCAGACGATGCTGTGCTGGTCTG
 CGATACCAGCCCTGAGCACCGGAGCCACCGCACAGAGACGCTGCAGGAGGCTGCCAGCCGCTACCAGAGG
 ATGCTCCGAGCGTCTTTGAACTTGTGAAGAAGGAAATGGAGGAGGCTCTGACCCAGGAGGCCAACGTGG
 GAAAAAGACCATCATCTGGAAGGAGAAAGTGGAGATGCAGAGACAACGTTTCAGGCTGGAGTTTGAGAA
 ACACAGAGGGTTTCTGGCCAGGAGGAGCAGCTGCAGCTGAGGCGGCTGGAAGAGGAGGAGAGCAACC
 CTGCAGAGACTGCGTGACAGTAGGAACAGGCTGGCCCAACAGAACAAGGCCCTGAAGGAACTGGCTGAGG
 AGCTGGAGGAGAGGAGCCAGCGGCCAGCCCAGGGCTGCTGGAGGGAGCGAGAGGAGTCTTGACACGATG
 TGAGGCTATCACAAAGGCTGGAACAGAGGCTGTCCCTATGGACCTGAAGACTGTGTGCCGCATCCCTGGG
 ATGAGGGAGATGCTGAGGAAGTTCCAAGTCGACGTGAAGCTGGATCCGGCCACTGCTCACCCAAGCTTGC
 TCTTAAGTGGCGACTGCGCAGTGTACAGGATGCGGAGGCTGGAGGGATGTTCCAGCAACCCTGAGCG
 CTTTGACACCTGGCCTTGCATCCTGGGCTGCAGGGCTTCTTCTGGGAGGCATTACTGGGAAGTCATC
 GTCGGGAAAGAGCAGAGTGGGGCTAGGGTCTGCCGAGACTCAGTGTGAGAAAAGGGGAGACCACAC
 CTGCCAGAGAACGGCGTCTGGCCATGTGGCTGCTGAGGGGGAACGAGTACATGGTCTCTCTCCCTCC
 CTCGGTGCCTGTGCTCCAAGATGAGCGACCTCGCCGATCGGGATCTTTTGGACTACGAAGCTGGTGAA
 ATCTCCTTCTACAATGTACAAATGGGTCTTACATCTACACATTCAACCTCTTCTCCGGCGTTCTCA
 GGCCCTACTTCTCGTCTGCGACAGACTCCTCTATCTTGCCTCCCATGACAGAAGCAGCGCCTGGAAA
 CTGGACGCCAGGGGATCTTTGATCTTGTGCTGCTGCCAGAAATGAGGAATAC**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001039047
- Insert Size:** 1458 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:	<u>NM_001039047.1, NP_001034136.1</u>
RefSeq Size:	2192 bp
RefSeq ORF:	1458 bp
Locus ID:	216781
UniProt ID:	<u>Q5NCC9</u>
Cytogenetics:	11 B1.3
Gene Summary:	E3 ubiquitin ligase induced during late erythropoiesis. Directly binds and ubiquitinates the intermediate chain of the microtubule motor dynein (DYNC1LI1/DYNC1LI2), stimulating the degradation of the dynein holoprotein complex. May participate in the erythroblast enucleation process through regulation of nuclear polarization.[UniProtKB/Swiss-Prot Function]