

## Product datasheet for **MC212471**

### Trim40 (NM\_001172168) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Trim40 (NM\_001172168) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Trim40  
**Synonyms:** Gm35; Gm319; Gm865  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212471 representing NM\_001172168  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGGCTCTCTTGACAAGGACAACCAGGACATTTGTCCTATCTGCCTGGATCCCCTGAAGGAGGCTGTGA  
GCACCGACTGCAGACATCTTTCTGCCGCATGTGCCTGACCCAGCACATGGATAAGGCTTCAGTCTCTGG  
GATTCTCAGCTGCCAGTCTGCAGGAAGCCATGTTCCGAGGGGTCTTGAGACAATTACATCTGCCAC  
ACCCACCAGAAGAGGGTGCAGGTTCTGTGAGGCTAGCGGACATCTTGTGTGAGGAATGCCTCCAAT  
CCCCTGAACACAGTCCCATACTGAACTCTCCATTGAAAATGCCATCAGCCACTACAAGGAAAGACTCAA  
CCGGAGAAGCAGGAAGCTCAGAAAGGACCTTGGGAACCTTCAACAGCTGAAGGCTCAGGAAAAGAAGATG  
CTGCAGGCTCTGCAGGTGGATTGTGAGTGTACAGGCTAAGAACTGACCTGCAGAACCAAGACCAACCA  
AGGAACAAGTGAAGGCTCTCCATGGCATTGGCTGGACCAAGAGGACTTACCAGAGGAGGATGCCAGTGA  
CTTACTGGACAGGAGCGCACACAGAAATTAGAAGGACTTCTCTCTCGTGTCTCCAGCTGGTCCAAAG  
CTCAGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001172168  
**Insert Size:** 639 bp



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<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><a href="#">NM_001172168.1</a></u> , <u><a href="#">NP_001165639.1</a></u>
<b>RefSeq Size:</b>	2095 bp
<b>RefSeq ORF:</b>	639 bp
<b>Locus ID:</b>	195359
<b>Cytogenetics:</b>	17 B1
<b>Gene Summary:</b>	<p>May function as an E3 ubiquitin-protein ligase of the NEDD8 conjugation pathway. Promotes neddylation of IKBKG/NEMO, stabilizing NFKBIA, and inhibiting of NF-kappaB nuclear translocation and activity (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>