

## Product datasheet for MC211940

### Trim44 (NM\_020267) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Trim44 (NM\_020267) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Trim44  
 Synonyms: Dipb; Mc7  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC211940 representing NM\_020267  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCTCCGGAGTGGGCGGGCTGCGAGGAGCTGCCTCCCGACGGCACGTGTGACGAGTGCAGACCCG  
 ACGAGGCGCCCGGGCGGAGGAGGTGTGCCGCGACTGCGGCTTCTGCTACTGCCCGCCACGCCGACGC  
 GCATCGCCAGAAGTTCCTCAGCCACCGCTGGCTGCCTACGTCCATGGCGCCAGGCCTGGACTCCGCCG  
 GCCAGCGGGGAGACGACGCGCTCCCCGAAGACGGCGAGGCCAAAGGGGAGGCCGAGGGGAGGTAGAGA  
 GCGAGGTCGGGAAGAAGAGAGCGAGACGGAGGTAGACAGTGAGTCGGAAGAAGAGAGCGAGACCGAGGA  
 AGACAGTGAGGATGAGAGTGACGAGGAGAGTGAAGAAGACAGCGAGGAAGAGATGGAGGATGAGCAGGAG  
 AGCGAGGCGGAGGAAGACAACCAAGAAGGGGAATCAGAGGCAGAAGGAGAACTGAGGCAGAAAGCGAAT  
 TTGACCCGAAATAGAGATGGAAGCGGAGAGAGTGGCCAAGAGGAAGTGTCCAGACCATGGGCTGGATTT  
 GAGCACCTATTGTCAGGAAGATAGGCAGCTCATCTGTGTCTGTGTCAGTCATTGGGGCTACCCGGGC  
 CACCAGCTGTCCACGCTGGACGAAGCCTTCGAAGAAGTGAAGAAGCAAGATTCCGGTGGACTGAAGGCAG  
 CAATGATAGAGTTGGTGGAAAGTTAAAGTTCAGAGCTCAGACCCTAAAGTAAGTAACTCGAGACCATGAA  
 GATATTTATACAGCAAGATTTAAGAAAGTTCAGAAAGTATTGCTGATGAGGAGCAGAAGGCCCTTCAT  
 TTAGTGGATATCCAAGAAGCAATGGCCACGGCTCATGTGACTGAGATATTGGCGGACATCCAATCTCACA  
 TGGATAGTTGATGACTCAGATGGCCAGGCCAAGGAACAACCTTGATACCTCTAATGAATCAGCTGAGCC  
 AAAGGCAGAGGGTGACGAGGAAGGACCCAGCGGTGCCAGTGAAGAAGAGGACACA**TGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_020267



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<b>Insert Size:</b>	1038 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_020267.2</a> , <a href="#">NP_064663.2</a>
<b>RefSeq Size:</b>	5612 bp
<b>RefSeq ORF:</b>	1038 bp
<b>Locus ID:</b>	80985
<b>UniProt ID:</b>	<a href="#">Q9QXA7</a>
<b>Cytogenetics:</b>	2 E2
<b>Gene Summary:</b>	May play a role in the process of differentiation and maturation of neuronal cells (By similarity). May regulate the activity of TRIM17 (By similarity). Is a negative regulator of PAX6 expression (By similarity).[UniProtKB/Swiss-Prot Function]