

## Product datasheet for **MC225573**

### Timm9 (NM\_001024854) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Timm9 (NM\_001024854) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Timm9  
**Synonyms:** 2810011L15Rik; Tim10a; Timm10  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225573 representing NM\_001024854  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTGCACAGATACCGAATCTGACCAGATAAAACAGTTAAGGAGTTCCTGGGAACCTACAATAAAC  
TTACAGAAACCTGCTTTTGGACTGTGTTAAAGACTTCACAACAAGAGAGGTGAAACCTGAAGAGGTGAC  
CTGTTCCAGAACATTGCTTACAGAAATATTTAAAAATGACACAGAGGATATCCGTGAGATTCAGGAATAT  
CACATTCAGCAGAATGAAGCCCTGGCAGCCAAAGCAGGCCTCTGGGCCAGCCACGG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001024854  
**Insert Size:** 270 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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<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_001024854.1</a></u> , <u><a href="#">NP_001020025.1</a></u>
<b>RefSeq Size:</b>	813 bp
<b>RefSeq ORF:</b>	270 bp
<b>Locus ID:</b>	30056
<b>UniProt ID:</b>	<u><a href="#">Q9WV98</a></u>
<b>Cytogenetics:</b>	12
<b>Gene Summary:</b>	<p>Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two consecutive exons in the 5' UTR, compared to variant 1. All variants encode the same protein. 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>