

## Product datasheet for RN214623

### Tomm40 (NM\_212520) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tomm40 (NM\_212520) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tomm40  
**Synonyms:** OM38; TOM40  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN214623 representing NM\_212520  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGAACGTGTTGGCTGCTAGCTCTCCGCCCGAGGGCCACCGCCGCTCCTACGCCGTCCTCGTGG  
 GGCTCCC GCCCGCCTCCTTCGCCGCCAGGCTTACGCTGCCGCACTTGGAGGTGGCTGGGCACTGG  
 GTCAAACGCTGGTCGCGTTTCGGAACGGACTCCCGGGGCGCGGGAGCGCGCTGCGGCGTCTCGAAC  
 GATGGGAAGTGGCTGCTGCTGCCAACC CGGGGACGTTTCGAGGAGTGCCACCGGAAGTGCAAGGAGCTGT  
 TTCCAGTTCAGATGGAAGGTGTCAAACCTACAGTCAACAAAGGGTTAAGCAATCGTTTCCAGGTGACCCA  
 TACAGTAGCCCTCGGCACAATTGGGGAGTCCAACCTACCACTTCGGGGTTACATACGTGGGGACAAAACAG  
 CTGAGTCCCACAGAGGCGTTCCCGTGCTGGTGGGTGACATGGACAATAGTGGCAGCCTCAATGCACAGG  
 TCATCCACCAGCTGAGCCAGGCCTCAGGTCCAAGATGGCCATCCAGACCCAGCAGTCCAAGTTCGTGAA  
 CTGGCAGGTGGATGGCGAGTACCGTGGCTCCGACTTACGGCTGCTGTACCCCTGGGCAACCCAGATGTC  
 TTGGTGGGTTCAGGAATCCTCGTGGCTCACTACCTCCAGAGCATCACACCGTGTCTGGCCCTAGGTGGCG  
 AGCTCGTCTACCACCGGGCGCCTGGAGAAAAGGGCACTGTCATGTCTCTAGCTGGGAAATACACACTGAA  
 CAACTGGTTGGCTACAGTAACGCTGGGTACGGCAGGCATGCATGCTACGTATTACCACAAAAGCCAGTGAC  
 CAGCTGCAGGTGGGTGTGGAGTTTGGAGCCAGCACCAGGATGCAGGACACCAGTGCCTCCTTTGGGTATC  
 AGCTGGACCTGCCAAGGCCAATCTCTTTCAAAGGCTCTGTGAACAGTAACTGGATCGTGGGTGCCAC  
 GCTGGAGAAGAAGCTTCCGCCCTTCCCTGACACTGTCGCTCTGCGCCTTCTGAACCACCGCAAGAAT  
 AAGTTCCTGTGTGGCTTTGGCCTCACCATCGGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_212520



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<b>Insert Size:</b>	1086 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>	<u><a href="#">NM_212520.1</a></u> , <u><a href="#">NP_997685.1</a></u>
<b>RefSeq Size:</b>	1086 bp
<b>RefSeq ORF:</b>	1086 bp
<b>Locus ID:</b>	308416
<b>UniProt ID:</b>	<u><a href="#">Q75Q40</a></u>
<b>Cytogenetics:</b>	1q21
<b>Gene Summary:</b>	mitochondrial-specific protein integral to the outer membrane; may be a component of the preprotein import machinery [RGD, Feb 2006]