

## Product datasheet for **MC202201**

### Taco1 (NM\_027346) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Taco1 (NM\_027346) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Taco1  
**Synonyms:** 2310066I18Rik; Ccdc44  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC029182 sequence for NM\_027346  
 CGTCAGGAAGAGCCGAACCTCTGAGTTTCTGGAGAGCTGTAGCAGCGGTCTGAACGTCCAGACCGGGTTG  
 TTCCGGGGCCGGACTAGACGGGCTGATTTTAGCTGCTCATCTTTGCACCGCGCAGCCCTTGTGCAAGCA  
 GATGATGTCTTGGGCTGCCGCCAGCCTGAGAATGACCGCTGTCCCGTGCTTTCGTGTGCGATGCCTCGGG  
 TTCCGCGTGGGTCTTGGGGCGCCTCCCAGCATGCAAACCCCGGCTGTGGTGCAGCGCCACACAGGACGC  
 TGCATGTCAGCGCGACGGCTCGGGGGACACAATAAGTGGTCTAAAGTCCGGCACATCAAGGGCCCCAA  
 GGACATGGAAAGGAGTGAATCTTCTAAACTACTCTCAGTATCCGCCTGGCGTTAAAGAGGGAGGC  
 CCTAACCTGAGAACAACAGCAGCCTGGCCAACATCTTAGAGTTGTGCGCAGCAAGAATATGCCCAAGT  
 CAACCATCGAGTCAGCACTGAAGACAGAGAAAAACAAGGGCATTATTTGCTATATGAGGGTCGTGGCCC  
 TGGAGGCTCTTCTGCTCATTGAGGCGTTATCAAACAGTGGTCCCAAGTGCCATCTGGACATTAATAT  
 ATCCTGAACAAGAATGGGGGAATGATGGCTGAAGGAGCACGCCACTTTTTTGACAAAAAAGGAGTGGTTG  
 TTGTTGGAGTGGAGGACAGAGAGAAGAAAGCTGTGAACCTAGAGCGTGCCCTAGAACTGGCCATCGAAGC  
 AGGAGCCGAGGATGTGAAGGAAGCCGAAGACGAAGAAGAAAAGAACCTTTTTAAATTCATTTGTGATGCT  
 TCTTCACTACATCAAGTGAGGAAAAAAGTGGACTCGCTGGGCTGTGTCCTGTGCTCAATGGAGT  
 TCATCCCTCACTCCAAGGTGCAGCTGGCTGAGCCGGAGCTGGAGCAGGCTGCTCACCTCATCCAGGCGCT  
 TAACAATATGAGGATGTGATTCACGTTTATGACAATATTGAATAAGCGGCTCGACTAGACTTGGCTCC  
 GGCTCTTCTAGGCCGCACAAGCTTCTGCAGCAATCTCAGAGACTGAAACAGCTGAGAGCCTATTAGAG  
 ACCTGTGCAATGGCTGTCAGCCTTGGGAAAGGGGACTCTTAGCTCTGTTGGTATCACCGGGCCATCTG  
 GAATGCAAGGTGAGACTGGCCAGCCGGTCTGACTCTGATCCCAGGTGACTGGCTCTGTGAAGAGTCTTA  
 AGTGTCTGTGGTACCGTAGAGTGGAAATGATCTTCAATAATAACAGTAGTGACTTTTGGATGCTTTGTT  
 GCTGGTAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_027346  
**Insert Size:** 885 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>	<a href="#">BC029182</a> , <a href="#">AAH29182</a>
<b>RefSeq Size:</b>	1351 bp
<b>RefSeq ORF:</b>	885 bp
<b>Locus ID:</b>	70207
<b>UniProt ID:</b>	<a href="#">Q8K0Z7</a>
<b>Cytogenetics:</b>	11 E1
<b>Gene Summary:</b>	Acts as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. [UniProtKB/Swiss-Prot Function]