

## Product datasheet for MC209533

### Tlx2 (NM\_009392) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tlx2 (NM\_009392) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tlx2  
**Synonyms:** Enx; Hox11L1; Hox11l1; NCX; Ncx1; Tlx1l1; Tlx1l2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC209533 representing NM\_009392  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCCCGGGTGTGGCTGCGCACCACCTCCGCACCACGAACCCATCAGCTTCGGCATCGATCAGA  
 TCCTGAGCGGTCCGAACCCCGGGGGCGGTCTGGGTCCCGGTCACTCGGGCCAGAGCCACGGAGAAAG  
 TGCGGCGTTTTCCAGTGGATTCCACGGAGCCTCGGGCTATGCTCCAGCCGGCTCGCTGGCTCCTTGCT  
 AGAGGCTCGGGAGTGGGCCCCGGCGCGTGATCCGCGTCCCCGCGCACCGCCCGTGCCCGTGCCGCCAC  
 CCTCGGGTGGGCCCCCGCGTGCCCGGACCCTCTGGTTTGGGTGGCGCCGGGGGCTAGCGGGACTCAC  
 CTCCCTTGATGGACAGCGGCCCGCTTTGCAAAGGACAGGCTCACGGCTGCGCTCTCGCCCTTCTCT  
 GGGACACGTGCGATAGGCCATCCCTACCAAAACCGGACCCCCCGAAGCGCAAGAAGCCGCGCACCTCT  
 TTTCCCGCTCGCAGGTGCTGGAGCTGGAGCGCCGCTTCTTGCGCCAGAAGTACCTGGCCTCCGCAGAGAG  
 GGCGGGCTGGCCAAGGCCCTGCGCATGACGGACGCGCAGGTCAAGACCTGGTTCAGAACCAGCAGCACC  
 AAGTGGCGGCCAGACCGCGGAGGAGCGGAGGCCGAGCGGCACCGCGTGGTTCGCTGCTGCACC  
 TGCAGCAAGACGCGCTGCCCGGCCGCTGCGGCCACCGCTGCCACCGACCCGCTTTGCCTGCACAACTC  
 GTCGCTCTCGCGCTGCAGAATCTGCAGCCCTGGGCGGAAGACAACAAGGTGGCTTCGGTGTCCGGGCTC  
 GCCTCGGTGGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009392  
**Insert Size:** 855 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="#">NM_009392.2</a> , <a href="#">NP_033418.1</a>
<b>RefSeq Size:</b>	1434 bp
<b>RefSeq ORF:</b>	855 bp
<b>Locus ID:</b>	21909
<b>UniProt ID:</b>	<a href="#">Q61663</a>
<b>Cytogenetics:</b>	6 35.94 cM
<b>Gene Summary:</b>	Transcription activator that binds DNA elements with the consensus sequence 5'-CGGTAATTGG-3'. Binds DNA via its homeobox. Required for normal cell death of enteric neurons in the gastrointestinal tract. Required for normal development of the enteric nervous system, and for proper development of normal motility of the gastrointestinal tract. [UniProtKB/Swiss-Prot Function]