

## Product datasheet for **MC221448**

### Tsc22d2 (NM\_001081229) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tsc22d2 (NM_001081229) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tsc22d2
Synonyms:	1810043J12Rik; 5530402M19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221448 representing NM\_001081229  
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCAAGATGCCGGCCAAGAAGAAGAGCTGCTTCCAGATCACCAGTGTACCACGGCTCAGGTGGCCA  
 CCAGCATCACCGAGGACACCGAGAGCCTGGACGACCCGGACGAGTCGCGCACGGAGGACGTCTCTCCGA  
 GATCTTCGACGTTTTCCCGGGCCACGGATTACGGCCCGGAGGAGGTGTGCGAGCGTAGCTCTCGGAAGAG  
 ACGCTCAACAATGTCGGGGATGCGGAACTCCCGGACCGTGTCCCCGAACCTCATCTGGATGGGCAGC  
 TGGCAGCCGCTTCACTGCGCCCGCAACGGAGGCGGGTGGCGTGTGCGCCCGGAGCGTGGCGGGGGC  
 ACTCGCCAGACCCTGGCGGGCGCCGCTTCGGTGTCCACTCTGGGCCGAGTAGTCAACTCCATCT  
 CAGCCCCCTGCCACTTGTAGTTCGCGTTCCGCGTGATCAAAGTACAGCCAGGGAGCGGGAGCCGTACC  
 GCGCGGGCCGATGGACGTGTATGGAATACTACGAGCGGGATTCCGATAGCAGCGTCTCACCAGGTCGG  
 GGATTGCATTAGACACAGCAATACTTTGGAGCAGACTGCGGAGCGGGACAGCGCCCTGGGAGCCACCGGA  
 GGGTCGGTGGTGGTGGTGGTGGCTCCATGCAGGGGGCGCACGGGCTGGACTCGGAACTGACAGCTCT  
 TGAAGTGTGTACAGCTACCCCGTCCGAGAAAATGAGCCAGCCCACTCTCGCCAGCCGAGAGTTT  
 CAGCGTCGGGCAGCCGACGCTCCACCGCCCGTAGGTGGGGCTGTGGCTCCAAGTTCCGGCGTCTGCCG  
 CCGTTCGCGGGAGCGGCGACCGGGCCGACGCAATGACAGCAGCCGTTACGCCAACCCAGCTCCAGGGAG  
 CCGTGGCCGGAGGCGCCCTCCCGGGCTGTGGTCCAGGGGTCGCGCCCGCCCGCAATGTCAACTGGC  
 GCAGCTGTGGCCCTGGCAGCTCAGCCCGCCCGGGCGGGCTCTCGTTGTACAGCAGTTCCGCTAT  
 CCCCAGCCTCAGATACCACCGGGCATTGTTGCCGATGCAGCCATCCGGCCAGAGTGAGTACCTGCCGC  
 CGCAGTGGCCCTGCAGCCGCAAGCCCTGCGCAGCCCTTGTCTACCAGCGCTAGCGCCACCTCTGCTTC  
 CGCGGCCAGCTTTCCTCTGGGGTCTGGCCAGAGCGTCTCCTCTGGGTGCCAGATGATGGGCGCCTCC  
 GCCAGCCAGTGAAGCTGTGGCCCGGGTCCGGTTCCTGTAGGCCAGGCCGCTCCTTGTAGCCGGCCG  
 GAGTGGCCCCAGCTGCTTAGGAGGCGTGGTGCAGCCAGGCTCCGGGCTTACTGGGGTTGGGCAGCCCCA  
 GCCCGTGCAGCCTCCGACAGCAGATGGGTGGCAGTGGTCCAGCTGCCAGCCGTCCTGGTGGTCTCACACC  
 GTGGTGGCCGGAGTTCAAAACGTGCCTGCAGCGGTACCCGTTCCAAGCGTGCCTAGTGTGCCACCACTT  
 CTGTTACTATGCCAAATGTACCCGCGCTCTGGCCAGTCTCAGCAGCTGAGCAGCCATACGCCAGTCAG  
 CCGGAGCAGCAGCGTCATCCAGCAAGTTGGTTCACCCCTAGCTCAAGGCACACAGTGCACCAACAAGT  
 CTACCACAGTCTGACCTAAGCCAGTTTCAGACTCAGACCAGCCCTTAGTCGGGCAAGTTGACGATACTA  
 GAAGAAAATCAGAACCCCTACCTCAAGCACCCTTCTCTCATTGCTGAAAGTAAGCCTGTTGTGAAGCC  
 TCCAGTTGCAGATGCCCTGACAAACCTCTTCAAGTAAACACCTATGAACAGTCTGGCCACCTCTGTATTC  
 AGCATAGCTATTCTGTTGATGGTGTGAAGACAGGAATCCTTCAACTGCTTTCTACCAAGCGTTCCATT  
 TGAACACGTGTCAGGAATCAAAGAGCCTCTGGGATAGTGCATCTGGGGCGGTGTTGTAGCCATTGACAA  
 CAAAATAGAACAAGCAATGGATCTGGTGAAGCCATTTGATGTATGCAGTAAGAGAAGAAGTGGAAAGTT  
 CTAAAGGAGCAAATAAAGAATTAGTGGAAAGAACTCTTACTTGAACGAGAAAATGCACTGTAAAAT  
 CTCTTTCAAACAATGATCAGTTGTCCAACTCCAGCCCAACAGGCCAATCCTGGTAGCACTTCTCAACA  
 ACAAGCAATGATAGCACAGCCTCCTCAGCCAACGCAACCTCCACAGCAGCCGAATGTCTCCTCAGCATAA

**ACGCGT**ACGCGGGCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001081229  
**Insert Size:** 2310 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_001081229.1</a></u> , <u><a href="#">NP_001074698.1</a></u>
<b>RefSeq Size:</b>	8829 bp
<b>RefSeq ORF:</b>	2310 bp
<b>Locus ID:</b>	72033
<b>Cytogenetics:</b>	3 D