

## Product datasheet for **MC228096**

### Tsc22d4 (NM\_029805) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tsc22d4 (NM_029805) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tsc22d4
Synonyms:	0610009M14Rik; 1700023B23Rik; AI415410; Thg-1 pit; Tilz2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228096 representing NM\_029805  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAGTGGTGGTAAGAAGAAAAGTAGTTTTTCAGATCACCAGCGTCACCACGGACTATGAGGGCCAGGAA  
GCCCAGGGGCTTCGGATTCCCCTGTCCCACCGCTCTCGCTGGGCCCCGCCCGCTCCCAATGGGGA  
CCCAACCTGATCCAGGGGGCAGGGGCACCCCGGAATGGCTCTCCGCCACCTGGAGCCCTGCCTCC  
CGTTTCCGGTGGTGAAGCTGCCCAAGTTTGGGAGAGCCTTATCGTCGAGGTCGGTGGACGTGTGTGG  
ATGTTTACGAGAGAGATCTGGAGCCTCAAGCTTCGGTCGGCTTCTGGAGGGCATTTCAGGGGCTCTGG  
AGGCACCGGAGGCAGATCATTGGATTCTAGTTGGAGCTGGTAGTTTGGGCATAAGCACCCCTATCCC  
CAGCCAGGCTGTCTCAGGGCCCACCTTTGGCTCCGCCGCCCTACTTCTCCTGGACCACAGGCC  
GCTCCTTACAGGGGGGCTGGCCAGCTGGCAGGACCTGGCAAGGCTAAGGTGGAGACACCCCGCTGTC  
AGCATCTCCACCCAGCAGCGCCCGCCAGGGCCTGGGACTGGAGATAGTGCTCAGACCCTGCCCTCTCTG  
AGGGTAGAAGTGGAGTCTGGGGTTTCAGCAGCCGCAACCCTCCACTGTACGGAGAAGAGATGGAGCAG  
TTCGGCTGAGGATGGAGTTAGTTGCTCCAGCGGAGACAGGAAAGGTACCTCCCACCGACTCTCGCCCAA  
CTCCCCAGCCCTACTTCGATGCCAGCCTGGTCCATAAGTCTCCAGACCCATTTGGAGCCGAGCAGCC  
CAGAGCCTCAGCCTGGCCGTTCCATGTTGGCTATCAGCGGTACCTGGACAGCGATGACGATAGTGGTT  
CCGGAAGCCTGGTTGGCATTGACAACAAGATTGAACAAGCCATGGTCCCGTTCTGGAAACACCTAGGCAA  
GCCAGGCACGTCGAGCAGCAGAGAAGCGTCCATTGACAGGACCGGAGAAGGCTTCCATGGACTCTGAC  
ACTGTAAGTTGGTCAAGCCCCACAAGAGGCCATGGTCGCCGACCTGGATGCGGGCCAGGGATGCTCG  
AACCTGTGTGCTGCCCTCAGCCAAGGAAAGATCTCCTGTGCGTGATCAAGAGAGCCGTTTCAATCGTGA  
CAGCCGTGACAGCGTTCTCTGATGACCCTAGTTCAGTCTCTATGTTTCTCCATGTTCTCCATGCTACAG  
TCCGGCTGGCAGTATGTAGGTGGAAGTCTTCTATGAGTCTGGCTCAGTTTCTCCCACACGAGGACCA  
GGTCGGCATTGGGGACGTGAGAGCTGAGATGCTCGGGAAGTGTACCTGGTCTCTGGGTATCCGCAA  
ACAATAAGAGAGCTGGCCCGCAGGCAGGAGAGGCGAAGACGGCGCCGTATGTGGTCTCATCCCTCCAT  
ACTTCCCGTCACTCTGAACCAAGTGCAGGGCCTCAAACATGATGCCGAAGTCTCTTAG

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_029805

**Insert Size:** 1530 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.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_029805.1](#), [NP\\_084081.1](#)

**RefSeq Size:** 2494 bp

**RefSeq ORF:** 1530 bp

**Locus ID:** 78829

**Cytogenetics:** 5 G2

**Gene Summary:** Transcriptional repressor.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).