

Product datasheet for **MC201708**

Tsc22d4 (NM_023910) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tsc22d4 (NM_023910) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tsc22d4
Synonyms:	0610009M14Rik; 1700023B23Rik; AI415410; Thg-1 pit; Tilz2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023761 sequence for NM_023910
 CCACGCGTCCGCTTGAGAGAGAGCCACTCAAGGGACTGGAGCCAGCGGGGGCTGAGCCGCCCTCCCA
 CAGCAACAGGGAAGACCCGTGGAGTGTTAACCGAGGCTGCGCCTGGGCTCCCCGTGGAAGCGCTGGTTT
 CTTCTCGTCTCAACTGCAAACTTCCACCGAGATGCCTCGCAGAGTGAGATGCGGACGCCAGAGAACACT
 GGGTAGCCCTTGATTGCTGCCTGCCGTGGCCTGCTCTAGCCGCCTTAGGATTTAAAAAAGAGAGA
 GAGAGAGAGAGAGATCTTAGTCCCCAGGTCTTCTCCAGCTCAGCTCGGTGGCCGAGGCCCGAGAG
 TTTGCAAGCTCAGCTTTGGGGTTTCAGCGGCGACAGCAGCAGGAAAAACCTGCCCTGCCCTCCCTCCT
 GCCACCTCCCCTCTGTACTCCAGTCACTAACCGAGCACCCCAAGTTCCACAAGGCCCTCTGCCATGT
 CGGACCCAGACGTCCCCAGGGGCCCGATGTCCCTGCCATGTGGCCCCCTTGTTCAGAGGTGCCTGAGC
 CCCTCTCCAGGAGCCAGCCCTCCCCACCCGAGCCAGTCCGGAGCCCGAGGACCATGAGTGGTGGT
 AAGAAGAAAAGTAGTTTTAGATCACCAGGCTCACCACGGACTATGAGGGCCAGGAAGCCAGGGGCTT
 CGGATTCCTGTCCACCGGCTCTCGTGGGCCCGCCCGCCTCCCAATGGGGACCCCAACCTGA
 TCCAGGGGCGAGGGCACCCCGGAATGGCTCTCGCCACCTGGAGCCCTGCCTCCGTTTCCGGGTG
 GTGAAGCTGCCCAAGGTTTGGGAGAGCCTTATCGTCGAGGTGGTGGACGTGTGTGGATGTTACGAGA
 GAGATCTGGAGCCTCAAGCTTCGGTTCGGCTTCTGGAGGGCATTGAGGGGCCTCTGGAGGCACCGGAGG
 CAGATCATTGGATTCTAGGTTGGAGCTGGCTAGTTGGGCATAAGCACCCCTATCCCGCAGCCAGGCCTG
 TCTCAGGGCCCCACCTCTTGGCTCCGCCGCCCTACTTCTCCTGGACCACAGGCCCGCTCCTTACAG
 GGGGGCTGGGCCAGCTGGCAGGACTGGCAAGGCTAAGGTGGAGACACCCCGCTGTGAGCATCTCCACC
 CCAGCAGCGCCCCCAGGGCCTGGGACTGGAGATAGTGCTCAGACCCTGCCCTCTCTGAGGGTAGAAGTG
 GAGTCTGGGGGTTGAGCAGCCGAACCCCTCCACTGTCACGGAGAAGAGATGGAGCAGTTCGGCTGAGGA
 TGGAGTTAGTTGCTCCAGCGGAGACAGGAAAGTACCTCCACCGACTCTCGCCCAACTCCCAGCCCT
 CTACTTCGATGCCAGCCTGGTCCATAAGTCTCCAGACCCATTTGGAGCCGAGCAGCCAGAGCCTCAGC
 CTGGCCCGTTCCATGTTGGCTATCAGCGGTCACCTGGACAGCATGACGATAGTGGTTCCGGAAGCTGG
 TTGGCATTGACAACAAGATTGAACAAGCCTGGACTTGGTGAAGTCCACCTCATGTTTGGCCGTGCGAGA
 AGAGGTGGAGGTGCTGAAGGAGCAGATCCGAGACCTGGCAGAGCGGAACGCTGCATTGGAGCAGGAGAAT
 GGATTGCTGCGCGCCCTGGCCAGCCGGAGCAGCTGGCCAGCTGCCATCCTCGGGGCTCCCCAGGCTCG
 GGCCCTCTGCACCCAATGGGCCCTCCATCTGAGCCTTCTTCCCTCACAATGTGCCTTTGGGGGGCTGCC
 ACTGGCTGTTGCGCCTTGTGCCGGCAGCCTGCCCTCTTCTATGTAGCTTTAATGCCCATGCCCAACT
 CCAGTGCCAGGGATGGAGTTGAAGGCTCAATATTGGCCTGTCCATCCCGCTCGGTCTCCCCAGAGTC
 CTCAGGCCTTGGCGGAAGAGAAACAGCTCGGGAGAGGGTATTTATCTGAAGCCCTCGTCCGTGGAAGAA
 CCCAGCCCTGCCTCCTACCCGGGTATCAGTGTTCTGGGGAGCCCTCAGCAATAGGTGGCCTGGAAGAA
 TTTGGAGGTTCCCTGGCAGGCCTCACCCGTTCTCTTCAAGTGCCCTCTCCTCTGCCAAGGGAGGGTG
 TATGGACAGTATCTTCAACTTCTCGATTACAGTTGTTGTTAAAAATAATAATTATAATTAATAAAAAAAAAA AAAA

Restriction Sites: RsrII-NotI

ACCN: NM_023910

Insert Size: 1164 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).

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: [BC023761](#), [AAH23761](#)

RefSeq Size: 2244 bp

RefSeq ORF: 1164 bp

Locus ID: 78829

UniProt ID: [Q9EQN3](#)

Cytogenetics: 5 G2

Gene Summary: Transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) has an alternate exon in place of the last two exons compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.