

Product datasheet for RN200027

Tsc22d1 (NM_001109912) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tsc22d1 (NM_001109912) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tsc22d1
Synonyms:	Tgfb1i4; TS22A; TSC-22
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200027 representing NM_001109912 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCACCAGCCGCCAGAGTCCACCGCCGCGCGGCCGCTGCTGCAGACATTAGTGCTAGGAAGATGGCGC
ACCCGGCAATGTTCCCTCGAAGGGGCAGCGGTGGTGGCAGCGCCTCTGCTCTCAGTGCAGCAGGTACCGG
CGTCAGTGGTGTCTCCATCTTCTGAAGATTTTCTCCTCCTTCTCGTGTCCAGCCGCCGCTCCT
GCTGCATCTTCCACACAGGGACCACAGCCTCCGCCTCCACAAAGCCTGAACCTCCTTTCACAGGCTCAGC
TGCAGGGACAGCCTTTGCGCCAGGCGGAACTCAGATGAAAAAGAAAAGTGGCTTCCAGATAACTAGCGT
TACTCCGGCTCAGATCTCTGCCAGCATCAGCTCGAACAACAGCATAGCAGAGGACACCGAGAGCTATGAT
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CTGACTTAGGTGAGCCTGAACGCAGTTCCTCCGAGGAGACTCTGAATAACTTCCAGGAAGCTGAGACACC
TGGGGCAGTCTCTCTAACCCAGCCCCACCTTCTCAGCCTCATTGCTCACCTCCACAACAGAACGTT
GTGATCAATGGGAACGCTCATCCACACCACCTCCATCACCACCATCACATTATCATGGGCACCACCTTC
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CAGCACACTGAGTCACTACACAGAGAGTGTGGGAAGCGGAGAGATGGGAGCCCCTACTGTGGTGGTGCAG
CAGCAGACGCCGCTACCACCAGCACCACAGGTCTTCAAGGCGTGGCCCTCCAACAGCTAGATTTTCAGTA



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GCCCTGGTCCACAGAGTATTTCTCAGTCACAGATGTCACAGGTACAACACTACAGCCTCAAGAATTGAGCTT
TCAGCAGAAGCCAAATCTTCAACCTGTTCTCTGCAAGCCACTATGAGCGCAGCAACTGGTATCCAGCCT
TCACCTGTCAACGTGGTGGGTGTAAACGTGAGTCAAGCAGCCTTCCATTTCCAGTCTGGCTCAGC
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CCACAGGCACAGGAGCGTCAGTGATCCCGTGGCTCAGCCACAAGGGATCCAGTCCAGTGCAGCCAC
AGCAGTACAAGCACAACCTGCAGGGGCGACTGGGCAGCCATTGGCCAGGCTCCAACAGCAGTGTCTACT
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GAGGTTCTGAAGGAGCAGATCAAAGAACTAATAGAGAAAACTCCCAACTGGAGCAGGAGAAACAATCTGT
TGAAGACACTGGCCAGTCCGGAGCAGCTCGCCAGTTTCAGGCCAGCTGCAGACTGGCTCCCCTCCGGC
TACCACGCAGCCACAGGGGACCACAGCCCTTGCACAGCCAGGTCAGGCTCCAGGGCTCAGGATCAACCGCA
TAG
    
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109912
- Insert Size:** 3153 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:** [NM_001109912.1](#), [NP_001103382.1](#)
- RefSeq Size:** 4547 bp

RefSeq ORF: 3153 bp
Locus ID: 498545
Cytogenetics: 15q11
Gene Summary: putative transcription regulating factor; upregulated by FSH in Sertoli cells [RGD, Feb 2006]