

Product datasheet for **RN217191**

Tsc22d2 (NM_001191960) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tsc22d2 (NM_001191960) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tsc22d2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217191 representing NM_001191960
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCAAGATGCCGGCCAAGAAGAAGAGCTGCTTCCAGATCACCAGTGTACCACGGCCAGGTGGCCA
 CTAGCATCACCGAGGACACCGAGAGCCTGGACGACCCGGACGAGTCGCGCACGGAGGACGTCTCCTCCGA
 GATCTTCGACGTTTCTCGGGCCACGGATTACGGCCAGAGGAGGTGTGCGAGCGCAGCTCCTCGGAAGAG
 ACGCTCAACAATGTCGGGGATGCGGAACTCCCGGACTGTGTCCCGAACCTCATCTAGATGGGCAGC
 TGGCAGCCGCTTCACTGTGCCCGCAACGGAGGCGGGCGTCCCGCCGGAGCGTGGCAGGGGCACT
 CTCCAGACCCTGGCGCGGTTGCCACTTCAGTGTCTGCTCCTGGGCCAAGTAGTGAACCTCCATCTCAG
 CCCCTGCCACTGTAGTCCCCTTCCGCGTGATCAAAGTAGACCACGGGAGCGGAGAGCCGATCGGC
 GCGGCCGATGGACGTGTATGGAATACTACGAGCGGGATTAGATAGTAGCGTCTCAGTAGTCCGGGGA
 TTGCATTAGACACAGCAATACTTTGGAGCAGACTGCAGAGCGGGACAGCGGCTTGGCGCCACCGGAGGG
 TCGGTGGTGGTGGTGGTGGCCTCCATGCAGGGGCGCACGGGCTGGACTCGGGAAGTACAGCTCCTTGA
 CTGCTGTGTACAGCTACCCCGCTCGGAGAAAATGAGCCAGCCACTCTCGCCAGCCGACAGAGTTTCAG
 CGTTGGGCAGCCACAGCCTCCACCGCCCGTAGGTGGGGCTGTGGCTCAAAGTTCGGTGTCTGCTGCCGCTG
 TCCCCGGAGCAGCGACCGGGTGCAGCCAATGACGGCAGCCACTCAGCCAAGTCCAGTCCAGGGAGCCG
 TAGCCGGCGCGCCCTCCCGGGCTGTGGCCAGGGGCTGCCCGCCGCCGAATGTCAACCTGGCACA
 GCCTGTGGCCCTGACAGCTCAGCCTGGCCCGCGGTGGCTCCTGTTGTACAGCAGTTCGCTATCCC
 CAGCCTCCGATACCACCGGGCATTGTGGCCGTCAGCCATCGGGCCAGAGTGAAGTACCTGCCCGCG
 ACGTGGCCCTGCAGCCACCAAGCCCTGCAGCCCTTGTCTACCAGCGTAGCGGACCTGCTGCTCAGC
 GGCCAGCTTCCCTCGGATCTGGCCAGAGCGTTTCTTCTTGGGTGCCAGATGATGGCGCCTCTGCC
 CAGCCAGTGAAGTCGTGGCCCGGGTCCGGTTCCTGTTGGCCAGGCCGCTCCTTGTACCGCGCCGGAG
 TGGCCCGAGTGTATAGGAGGCGTGGTGCAGCCTGGCTCTGGGCTGACCGGGTGGGCAGCCCGAGTCC
 CGTGCAGCCTCCGCCACATATGGGTGGCAGTGTTCAGCTGTACCGCGTGCCTGGTGGTCTCACACCGTG
 GTGCCCGAGTTCCAAACGTGCCTGCAGCGGTACCCGTTCCAAGCGTGCCTGTTGTGCCACCCTTCTG
 TACTATGCCAAATGTACCCGCGCTCTGGCCAGTCTCAGCAGTGCAGCGCCATACGCCAGTCCAGCCG
 GAGCAGCAGCGTCCAGCAAGTTGGTCCACCCTTAGCGCAAGGCACACACAGTGCACCAACAAGTCTA
 CCACAGTCTGATCTAAGCCAGTTTCAGACTCAGACCCAGTCTTTAGTCAGGCAAATGACGATACTAGAA
 GAAATCAGAACCCTACCTCAAGCACCCTTTCTCTATTGCTGAAAATAAGCCTGTTGTGAAGCCTCC
 AGTTGCAGATGCCCTGGCAAACCCTCTCAATTAACACCTATGAACAGTCTGGCCACCTCTGATTCAGC
 ATAGCTATTCCTGTTGATGGTGTGAAGACAGGAATCCTTCAACCGCTTTCTACCAAGCGTTCCATTTGA
 ACACGTTTCAGGAATCAAAGAGCCTCTGGGATAGTGCACTGGGGCGCGTGTGTAGCCATTGACAACAA
 AATAGAACAAGCAATGGATCTGGTGAAGAAAGCCATTTGATGTATGCAGTAAGAGAAGAAGTGGAAAGTCTA
 AAGGAGCAGATAAAGAATTAGTGGAAAGAACTCTTACTTGAACGAGAAAATGCAGTGTAAAATCTC
 TTTCAAACAATGATCAGTTGTCCCACTCCAGCCCAACAGGCCAACCTGGTAGCACTTCTCAACAACA
 AGCAATGATAGCACAGCCTCCTCAGCCAACGCAACCTCCACAGCAGCCGAATGTCTCCTCAGCATAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191960

Insert Size: 2307 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:	<ol style="list-style-type: none"> 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:	<u>NM_001191960.1, NP_001178889.1</u>
RefSeq Size:	4606 bp
RefSeq ORF:	2307 bp
Locus ID:	499624
Cytogenetics:	2q26