

Product datasheet for RN203767

Tsc22d4 (NM_001044284) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tsc22d4 (NM_001044284) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tsc22d4
Synonyms:	thg-1pit; Tilz2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203767 representing NM_001044284 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGGTGGTAAGAAGAAAAGTAGTTTTTCAGATCACCAGCGTCACCACGGACTATGAGGGCCAGGAA
GCCAGGGGCTTCGGACCCCTGCCCTCCGGCTCCCGCTGGGCCCCGCCCGCTCCCAACGGGA
ACCAACCCTGATCCAGGGGGCAGGGGCACCCCGGAATGGCTCTCCGCCACCTGGAGCCCTGCCTCC
CGTTCCGGGTGGTGAAGCTGCCCAAGGTTTAGGAGAGCCTTATCGACGAGTCCGGTGGACGTGTGTGG
ATGTTTACGAGAGAGACCTGGAGCCCCGAGCTTCGGTCCGGCTTCTGGAGGGAATTCGAGGGCCCTCAGG
AGGCACCGGAGGCAGATCATTGGATTCTAGGTTGGAGCTGGCTAGCTTGGGCATAAGCACCCCTATCCCT
CAGCCAGGCTGTCTCAGGGCCCCACCTCTGGCTCCGCCGCCCCCTACTTCTCCTGGACCACAGGCTC
GATCCTTCACAGGGGGGCTGGCCAGCTGGCAGGACCTGGCAAGGCTAAGGTGGAGACGCCCCCGTGTG
AGCCTCTCACCCAGCAGCGCCCCAGGGCTGGGACTGGAGATAGTGCTCAAACCCTGCCCTCCCTG
AGGGTAGAAGTGGAGTCTGGGGTTTAGCAGCCGAACCCTCCTCTGTACGGAGAAGAGATGGAGCAG
TTCGGCTGAGGATGGAGTTAGTTGCTCCAGAGGAGACAGGAAGGTACCTCCATCGACTCTGCCCCAA
CTCCCCAGCCCTACTTCGATGCCAGCCTGGTTTCAAGTCTCCAGACCCATTCGGAGCTGCAGCAGCC
CAGAGCCTCAGCCTGGCTCGGTCCATGTTGGCCATCAGCGTCACTGGACAGTGATGACGACAGTGGTT
CCGGAAGCCTGGTTGGCATTGACAACAAGATTGAACAAGCCATGGACTTGGTGAAGTCCCACCTCATGTT
TGCCGTGCGAGAGGAGGTGGAGGTGCTGAAGGAGCAGATCCGGGACCTGGCAGAGCGAATGCTGCACTG
GAGCAGGAAAATGGATTGCTGCGTGCCCTGGCCAGCCGGAGCAGCTGGCCAGCTGCCATCCTCGGGGC
TCCAAGGCTCGGGCCCTCTGCACCCAATGGGCCCTCCATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001044284
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:	<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_001044284.3</u> , <u>NP_001037749.1</u>
RefSeq Size:	2399 bp
RefSeq ORF:	1164 bp
Locus ID:	684980
UniProt ID:	<u>Q3B8N7</u>
Cytogenetics:	12q12
Gene Summary:	Transcriptional repressor.[UniProtKB/Swiss-Prot Function]