

Product datasheet for **SC109236**

TSC22 domain family, member 4 (TSC22D4) (NM_030935) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSC22 domain family, member 4 (TSC22D4) (NM_030935) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSC22 domain family, member 4
Synonyms:	THG-1; THG1; TILZ2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_030935, the custom clone sequence may differ by one or more nucleotides

ATGAGCGGGGCAAGAAGAAGAGTAGTTTCCAAATCACCAGCGTCACCACGGACTATGAGGGCCCTGGGA
GCCCAGGGGCTTCGGATCCCCCTACCCACAGCCCCAACCGGGCCCCGCGCTGCCAATGGGGA
GCCCAGCCCCGATCCGGGGGCAAGGGCACCCCCCGGAATGGCTCCCCACCACCTGGGGCCCTTCTCTC
CGTTTCCGGGTGGTGAAGCTGCCCCACGGCCTGGGAGAGCCTTATCGCCGCGGTGCTGGACGTGTGTGG
ATGTTTATGAGCGAGACCTGGAGCCCCACAGCTTCGGCGGACTCCTGGAGGGAATTCGAGGGCCCTCAGG
GGGCGCCGGGGCAGATCTTTGGATTCCAGGTTGGAGCTGGCCAGCCTCGGCCTGGGCGCCCCACCCCA
CCGTCAGGCCTGTCTCAGGGCCCCACCTCCTGGCTCCGTCCACCCCCACCTCTCCTGGACCTCAGGCCC
GCTCCTTCACTGGGGGACTGGGCCAGCTGGTGGTGGCCAGCAAAGCCAAGGCAGAGAAACCCCACTGTC
GGCCTCCTCACCCAGCAGCGCCCCCAGAGCCTGAGACCGGTGAGAGTGCGGGGCACATCCCGGGGTGCC
ACGCCCCCTGCCCTCTCTGAGGGTGAAGCGGAGGCTGGGGGCTCAGGGGCCAGGACCCCTCCACTGTCCC
GGAGGAAAGCTGTAGACATGCGGCTGCGGATGGAGTTGGGTGCTCCAGAAGAGATGGGGCAGGTGCCCCC
ACTTGACTCTCGCCCCAGCTCCCCGGCCCTCTACTTCACCCACGATGCCAGCCTGGTTACAAATCTCCA
GACCCCTTCGGAGCAGTAGCAGCTCAGAAGTTCAGCCTGGCCACTCCATGTTGGCCATCAGTGGTCACC
TAGACAGCGACGATGATAGTGGTCCGGAAGCCTGGTTGGCATTGACAACAAAATCGAGCAAGCCATGGA
CTTGGTGAAGTCCACCTCATGTTTGGGTCCGGGAGGAGGTGGAGGTGCTGAAGGAGCAGATCCGGGAA
CTGGCGGAGCGGAACGCTGCGCTGGAGCAGGAGAATGGGCTGCTGCGCGCCCTGGCCAGCCCGGAGCAGC
TGCTCAGCTGCCCTCCTCGGGGTCCCACGGCTTGGGCCCCCTGCGCCAATGGGCCCTCCGTCTGA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_030935 unedited <pre> CTCAGAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGCAGANCCCA GGGAGCCGAGGAGCGGAGACACGACCCAGCAGGGTCACGCGGGAGGAGACTCGGGACAC CCACTCGCTGGCTGCCACCGGGAGCAGAGGGGGGCTCGGCCGCCCCCTCCCACATCAGTC TCCAGACCCTTGGGGCTTCAGAGGCCGCTCCTAGGCTCCTCGGAGGAGGCGGGTTTCT TCTTTTCCGGAGAGCAAACCTTCTCGGAGATGCCTGGCAGGATGAGCCGCGCCCCCGG AGAGGACGGGACAGCCTCTGATCGCCGCTGCGTGCCCCGCCACTGCCCATGGCCAGGAG GCCCCAGGGAACGAGACGCCGACCTCTTAGGCGCCGGGACCTCAGGCTCAGATCAGTG GCCGAGGCCCCAGAGCGCCCCCAGAGCCTGAGACCGGTGAGAGTGCGGGCACATCCCGG GCTGCCACGCCCCTGCCCTCTCTGAGGGTGGAAGCGGAGGCTGGGGGCTCAGGGGCCAGG ACCCCTCCACTGTCCCGGAGGAAAGCTGTAGACATGCGGCTGCGGATGGAGTTGGGTGCT CCAGAAGAGATGGGGCAGGTGCCCCCACTTGACTCTGCCCCAGCTCCCAGCCCTCTAC TTCACCCACGATGCCAGCCTGGTTCACAAATCTCCAGACCCCTTCGGAGCAGTAGCAGCT CAGAAGTTCAGCCTGGCCCACTCCATGTTGGCCATCAGTGGTCACCTAGACAGCGACGAT GATAGTGGCTCCGGAAGCCTGGTTGGCATTGACAACAAATCGAGCAAGCCTGGACTTGGT GAAGTCCACCTCATGTTTGCNGTCCNGGAGAGGTTGGAGTGCTGAAAGACANATCCCGG NATTTGCGGAGCGGACGCTGCCTGGACAGGAAATGGGCTGCTGCGCGCTGGCAGCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_030935
Insert Size:	1650 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_030935.3 , NP_112197.1
RefSeq Size:	2399 bp
RefSeq ORF:	1188 bp
Locus ID:	81628
UniProt ID:	Q9Y3Q8
Cytogenetics:	7q22.1
Domains:	TSC22
Protein Families:	Transcription Factors

Gene Summary:

TSC22D4 is a member of the TSC22 domain family of leucine zipper transcriptional regulators (see TSC22D3; MIM 300506) (Kester et al., 1999 [PubMed 10488076]; Fiorenza et al., 2001 [PubMed 11707329]).[supplied by OMIM, Mar 2008]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 encode the protein.