

Product datasheet for **MC223489**

Tshz1 (NM_001081300) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tshz1 (NM_001081300) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tshz1
Synonyms:	5730407I04Rik; D18Bwg1409e; mKIAA4206; Mtsh1; NY-CO-33; Sdccag33; teashirt1; Tsh1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223489 representing NM_001081300 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGAGGAGGAAGCAGCAGGCCCCCGGCGCTCGGCAGCTTACGTTCCCGAGGAAGAAGTGAAGGCAG
CCGAAATAGATGAGGAGCACGGAGGATGGTGGGCTGTCTCTGGACATTCAGGAGAGCGAATTTGCGTG
CAATGAAGAGACAGAGATCAAAGAAGCCCAGAGCTATCAGAACTCCCCTGTCAGCACTGCCACCAATCAA
GACGCTGGCTACGGATCGCCCTTCAGTGAGGGCAGTGACCAGCTGGCCATTTCAAAGCTCCTCCTCCA
GAGAAGAGAAGGAGGAGTTCGAGTGTCCAGACAGTGTCTCCTACCCCCAGGACAGCTTGGCAGATCAA
AGCCGTGTATGCGAATTATTCTCAGAGTCTGTGGTCTAGCCTAGCATTGGATTTAAAAAGTCCAAT
TCTGCCACCAGCAACAACGATGCCAGCCAGAAGGAGAGTTCACACCTACCCCCACGCCTCCTACTAGTA
CCGCCAGCACCGCTGTACCACGGCCACCACGGCCATCACCAGCTGCAGCACCAGCACCAGCCATAGCAG
CACCACCAGTAACAGCAGCAGCTCGGGGTATGACTGGCACCAGGCCGCCCTGGCCAAGACGCTGCAGCAG
ACGTGTCCTACGGACTGCTGCCTGAGCCAGCCTGTTTCAGCACCGTGCAGCTCTACCGACAGAATAACA
AGCTGTATGGCTCCGTGTTACGGGGGCCAGCAAGTTCAGGTGCAAAGACTGCAGCGCGGCTACGACAC
GCTGGTGGAACTGACGGTGCACATGAACGAGACAGGCCACTATCGAGATGACAACAGAGACAAGGACTCC
GAGAAGACCAAGCGTGGTCCAAGCCAGGAAGCGTTCCTGATGGAGATGGAGGGGAAGGAGGACGCC
AGAAGGTGCTGAAGTGTATGTAAGTGCAGGACTCCTTCGAGTCTTGCAAGACCTCAGTGTCCACATGAT
CAAAACAAAGCATTACCAGAAAGTGCCTCTGAAGGAGCCCGTCCAGCCATCACCAAACTGGTCCCTTCC
ACCAAGAAGCGAGCACTCCAGGACTGGCATCCCTTGTTCAGGAGCCACGGGCGTGGCCACTGAGG
TTGCACTGAGTGAGTCAAGCAAGACAGAAAACGGCCAAACCCGTACGTGACTCCGAAACACCGTTACGG
CTACCAGAATGGTCTAGTTACACGTGGCAGTTTCGAGGCCGCAAAGCCAGATACTCAAGTGCATGGAA
TGTGGCAGCTCCCATGATACCTTGACAGCAGCTCACAGCCACATGATGGTCACTGGCCATTTCTAAAGG
TGACAACCTCTGCTCCAAGAAAGGAAAGCAGCTGGTGTGGACCCCGTGGTGGAGGAGAAGATCCAGTC
CATCCCGTTGCCCGGACCACTCACACCCGGCTGCCTGCCTTAGCATCAAGAAGCAACCGGACTCTCCT
CGGGGCTGTAGCCTCAGAAGAGAAGAAGAACCTGAGAAGGAGAAGGAAAAGGAGAAAGCCACCGG



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CAGCTGGGGATGCAGAGAGAAAAATCAAAGAGGAGACTGAAGATGCCACTGAGAAGTTTGAGCCCACTGC
 CCTTTATCAGTACCTGCGTGAGGAAGACCTAGATGACAGCCCCAAGGGAGGAGTAGATATCCTAAAGTCA
 CTCGAGAACACTGTGTCCACGGCCATCAGTAAAGCCCAGAATGGGGCACCTCATGGGGTGGGTACCCCA
 GCATCCATGCAGCCTACCAGCTGCCAGGCACAGTGAAGCCACTGCAGTCTGCTGTGCAGAGCGTGCAAA
 ACAGCCGTCTTACGCCAGCAGCGTGAAGTCACTGTCTCCACAGAGCACAATGCCCTCTACACTCCCCA
 GGGAGCCTCACCCGCCACCCATAAGAGCAATGTGTCTGCCATGGAGGAGTTAGTAGAGAAGGTCACGG
 GCAAGGTCAGCATCAAGAAGGAGGAGAGGCCTACTGAGAAGGAGAAGAGCTCCCCTGTCAAAGCCATCTC
 TCCTGTGGCAAAGGAGAATAAAGATCTTCTTAAGACAGAGGAGACCGGGAGCAAGCCACAGAAGAAGGGC
 TCGGATTCAGAAACTGGGAAGGCCAAAAAGGAGAGTACATTGGACGCTCACACCCCAAATGGTACAGAAC
 CTCTTAAAGCCAAGGTCACCAATGGCTGCGGCCATCTGGGTATCATCACGGACCACTCGCCGGAGCCTTC
 TTTTCATCAACCCTCTAAGCGCTCTGCAGTCCATCATGAACACCCACCTAGGAAAGGTGTCCAAGCCGTG
 AGCCCTCTCTGGATCCACTGGCGATGCTCTACAAGATCAGCAACAGCATGCTGGACAAGCCCGTCTACC
 CCAGACCCTGCCAAGCAGGCTGATGCAATCGACCGCTACTACTATGAGAACAGCGACCAGCCATTGA
 TCTGACCAAGTCTAAGAACAAGCCACTGGTCTCGGGTGTGGCAGATGCTGTCTCCTGCCTCTGCGGGAG
 AGCGCCCTCATGGATATCTCGGACATGGTGAAAAATCTCACAGGTCGTCTGACTCCCAAGTCTCCACAC
 CCTCCACGGTGTGAGAGAAGTCAGATGCAGATGGGAGCAGCTTTGAGGAGGCCCTGGACGAGCTGTACC
 TGTTCCAAAGAGAAAGGGGCGCCAGTCCAATTGGAACCCACAACACCTGCTCATCTGCAGGCTCAGTTT
 GCCTCCAGCCTTCGAGAGACAGCAGAAGGGAAATACATCATGTCAGACCTGGGCCCTCAGGAGCGGGTGC
 ACATCTCCAAGTTCACGGGCCTATCCATGACCACCATCAGTCACTGGCTGGCCAACGTGAAGTACCAGCT
 GCGGAGGACAGGGGAACCAAGTTCCTTAAGAACCTCGACACAGGGCATCCTGTTTTCTTTGTAAATGAT
 TGTGCCTCTCAGTTCAGAACTGCCTCCACGTACGTACGTCACCTGGAGACGCACCTAGGCTTCAGTTGA
 AGGACCTCTCAAGCTGCCACTCAGTCAGATAACAAGAGCAGCAGAGTGTCTGCTCCAAAGCCCTCACCAA
 CAAGACTCTGGGCCCGCTGGGCTCCTCCGAGGAAGACCTGGGCTCCACATTCCAATGCAAGCTCTGCAAC
 CGGACTTTTGGCAGCAAGCACGCAGTAAAACCTGCACCTTAGTAAGACGCCAGGCAAGTCCGACAGAGGACC
 ACCTGATCTACGTGACAGAGCTGGAGAAGCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001081300

Insert Size:

3255 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_001081300.1](#), [NP_001074769.1](#)

RefSeq Size: 5814 bp

RefSeq ORF: 3255 bp

Locus ID: 110796

UniProt ID: [Q5DTH5](#)

Cytogenetics: 18 57.53 cM

Gene Summary: Probable transcriptional regulator involved in developmental processes. May act as a transcriptional repressor (Potential).[UniProtKB/Swiss-Prot Function]