

Product datasheet for **SC102656**

TSC22D3 (AK092669) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSC22D3 (AK092669) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSC22D3
Synonyms:	DIP; DSIPI; GILZ; TSC-22R
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK092669, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCAGTCCAAGCTCGATTGCCGCTCACCTGTCGGCCTCGACTGCTGCAACTGCTGCCTGGACCTGG
CCCATCGGAGTGGGCTCCAGCGAGGCAGCAGCGGGGAGAACAACAACCCGGGCAGCCCTACAGTGAGCAA
CTTTCGGCAGCTGCAGGAAAAGCTGGTCTTTGAGAACCTCAATACCGACAAGCTCAACAGCATAATGCGG
CAGGATTCGCTAGAGCCGGTGTGCGGGACCCCTGCTACCTGATCAACGAGGGCATCTGCAACCGCAACA
TCGACCAGACCATGCTCTCCATCCTGCTCTTCTCCACAGTGCCTCCGGAGCCAGCGTGGTGGCCATAGA
CAACAAGATCGAACAGGCCATGGATCTGGTGAAGAATCATCTGATGTATGCTGTGAGAGAGGAGGTGGAG
ATCCTGAAGGAGCAGATCCGAGAGCTGGTGGAGAAGAAGTCCCAGCTAGAGCGTGAGAACCCTGTTGA
AGACCCTGGCAAGCCCAGAGCAGCTGGAGAAGTCCAGTCTGTCTGAGCCCTGAAGAGCCAGCTCCCGA
ATCCCCACAAGTGCCCGAGGCCCTGGTGGTTCTGCGGTGTA
```



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5' Read Nucleotide Sequence:

>OriGene 5' read for AK092669 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGCTCACACTTGGGAACT
 TGGGACTGCGCTGGGGCCGCGTGTGGCACCTCAGGGGGGGCGCCCCGGCCTCAAGAGGA
 GGGGGAGGAGAAGGAGGAAGAGGAGGAAGTGAAGCCGAAGGATCCGCTCGGAGCTGTTT
 TCCAGCTGTTTCTATTCGCACCCGGAGCAGTACAGCCAGAAGGGGGCCGAGCCGAAGGTG
 GCTGGCTTTAGGCGCTAATTTCCAACCTTTTTCCTCACAGCTTGTCTTTTCCAGGCACCC
 TGGAGTCCCCTCAGGCCAGCTCGGTGGGCGCGCACCTGCCAGCCGCCCTGACCTCGCAG
 GCCAGGGACCTCCGAGCCTGAGAAGATGGCCAGTCCAAGCTCGATTGCCGCTCACCTG
 TCGGCCTCGACTGCTGCAACTGCTGCTGGACCTGGCCCATCGGAGTGGGCTCCAGCGAG
 GCAGCAGCGGGGAGAACAACAACCCGGGCAGCCCTACAGTGAGCAACTTTCGGCAGCTGC
 AGGAAAAGCTGGTCTTTGAGAACCTCAATACCGACAAGCTCAACAGCATAATGCGGCAGG
 ATTCGCTAGAGCCGGTGTGCGGGACCCCTGCTACCTGATCAACGAGGGCATCTGCAACC
 GCAACATCGACCAGACCATGCTCTCCATCCTGCTTTCTTTCACAGTGCCTNCGGAGCCA
 GCGTGGTGGCCATAGACAACAAGATCGAACAGGCCCATGGATCTGGTGAAGAATCATCTG
 ATGTATGCTGTGAGAGAGGAGGTGGAGATCCCTGAGGAGCAGATCCGANAGCTGGTGGAG
 AAGAACTCCAGCTAGAGCGTGAGAACACCCTGTTGAAGAAGTGGNCAGCCANAGCAGCT
 GGAGAAGTTCCAGTCTGTCTGAGCCCTGAGAAGCCGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for AK092669 unedited
 TTCGACTATGNNACCGCGGCCGCATNCNANGATCGGATTTTTTTTTTTTTTTTTTTTTTTT
 TTTTAAAAAACAGAGCACAATTTATTGGAATTTCAAGCTACATTTGGGAAAATCAAAT
 CCAAATCTGGGAACCATACATCAGGATAAGGTGTCAAAAAGTGGAAAGTTCCTACTCTC
 ACAAACCCGCTACAGACAAGCTTCTGGGCACACCTCCAGGCTCCATTGGATCAAAGC
 CATCCCTTGTTCATCCCTCATCCACAGTAGGACACCATCCTTCTGTTCACTTGAAGTT
 TTCCACAATAATTACAAACAAAACAAAACGTTTTTCAATGACTGTGAAGCCAAA
 CTGATCTTCTCAACCCATTCTATGTAGTCAGCACCAGTGAATGGTGGGTTTGGCATT
 CAAAACAGGACTTCACGTTTCAGTGGACAGCTGGGAAAGGGTTGCAGCAGCAAGGCATC
 CGTGGCCGCATTACAGAGGCTGGCCCCCTCCTTGCCTTACTCTCGAGTCTTACTTAACC
 TAAAAGACAACTGGGTCAACTTGGTAAATGAACACAGTCAAAGACTTAGCCATAAGAGG
 TAAGGGACCAGTCAATACTCCCAAGGCTGGTTAGGCCCTTCAACATGTAGGTGGATGTGT
 ATATGTATACATCGCTACACTAAGATAACAGATCTAGCCCTATGGGTATATATACGCCATT
 TATGGGTATATAAGAAAATATGCCATACTAACCCAAAACGAAGTGTAGCGGTCAT
 TCCAAAGCTGGTATCCCCACTGGGGCTGTGCCCAAGCCCTGCCTTATCCCTTTTAACC
 AACAGAAAGGCTGACTGGCTCAATCTCTTCCATCTGGGTCCCCTGCCTCCCGGAACANAG
 GAAAAAAAAGTGGCCCTTGCTTAAACACAAATGGGTTTCTTATTG

Restriction Sites:

NotI-NotI

ACCN:

AK092669

Insert Size:

2500 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: [AK092669.1](#), [BAG52587.1](#)

RefSeq Size: 2238 bp

RefSeq ORF: 2238 bp

Locus ID: 1831

Cytogenetics: Xq22.3

Domains: TSC22

Protein Families: Transcription Factors

Gene Summary: This gene encodes the anti-inflammatory protein glucocorticoid (GC)-induced leucine zipper. Expression of this gene stimulated by glucocorticoids and interleukin 10 and it appears to play a key role in the anti-inflammatory and immunosuppressive effects of this steroid. This protein has also been shown to inhibit pro-inflammatory molecules including nuclear factor κ B. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]