

## Product datasheet for **SC312431**

### TSC22D3 (NM\_198057) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TSC22D3 (NM_198057) 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 NM_198057, the custom clone sequence may differ by one or more nucleotides ATGGCCCAGTCCAAGCTCGATTGCCGCTCACCTGTGCGCCTCGACTGCTGCAACTGCTGC CTGGACCTGGCCCATCGGAGTGGGCTCCAGCGAGGCAGCAGCGGGGAGAACAACAACCCG GGCAGCCCTACAGTGAGCAACTTTCGGCAGCTGCAGGAAAAGCTGGTCTTTGAGAACCTC AATACCGACAAGCTCAACAGCATAATGCGGCAGGATTCGCTAGAGCCGGTGTGCGGGAC CCCTGCTACCTGATCAACGAGGGCATCTGCAACCGCAACATCGACCAGACCATGTCTCC ATCCTGCTCTTCTCCACAGTGCCTCCGGAGCCAGCGTGGTGGCCATAGACAACAAGATC GAACAGGCCATGGATCTGGTGAAGAATCATCTGATGTATGCTGTGAGAGAGGAGGTGGAG ATCCTGAAGGAGCAGATCCGAGAGCTGGTGGAGAAGAAGTCCCAGCTAGAGCGTGAGAAC ACCCTGTTGAAGACCCTGGCAAGCCCAGAGCAGCTGGAGAAGTCCAGTCTGTCTGAGC CCTGAAGAGCCAGCTCCCGAATCCCCACAAGTGCCCGAGGCCCTGGTGGTCTGCGGTG
Restriction Sites:	Please inquire
ACCN:	NM_198057
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_198057.2</a></u> , <u><a href="#">NP_932174.1</a></u>
<b>RefSeq Size:</b>	2312 bp
<b>RefSeq ORF:</b>	603 bp
<b>Locus ID:</b>	1831
<b>UniProt ID:</b>	<u><a href="#">Q99576</a></u>
<b>Cytogenetics:</b>	Xq22.3
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>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 <math>\kappa</math>B. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript, and encodes the longer isoform (1).</p>