

Product datasheet for SC127719

TSC22D3 (NM_004089) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSC22D3 (NM_004089) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSC22D3
Synonyms:	DIP; DSIPI; GILZ; TSC-22R
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127719 sequence for NM_004089 edited (data generated by NextGen Sequencing)

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ATGAACACCGAAATGTATCAGACCCCCATGGAGGTGGCGTCTACCAGCTGCACAATTTCTCCATCTCCTTCTCTCTCTCTGCTTGGAGGGATGTGGTTTCCGTTAAGCTGGACAACAGTGCCTCCGGAGCCAGCGTGGTGGCCATAGACAACAAGATCGAACAGGCCATGGATCTGTGAAGAATCATCTGATGTATGCTGTGAGAGAGGAGGTGGAGATCCTGAAGGAGCAGATCGAGAGCTGGTGGAGAAGAACTCCAGCTAGAGCGTGAGAACACCCTGTTGAAGACCCTGGCAAGCCAGAGCAGCTCCGAAAGCCAGAGCTGGAGAAGTCCAGTCTGTCTGAGCCCTGAAGAGCCAGCTCCCGAATCCCCACAAGTGCCCGAGGCCCTGGTGGTCTGCGGTGTAA
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Clone variation with respect to NM_004089.3

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004089 unedited TGGCTTTGGGTTCTGAGCCTTCGCCCCGCTCCTAGCCTCAGGGCCGACTCCAGCGCAGAGCCAGCCAGCGCAGCCTGCCAGCAGCCACCCATCCGCCCAGCCGCCAGCCCCGCACGAAACCCGGCCAGAGCTTCTAGCAGCCGAGCCATGAACACCGAAATGTATCAGACCCCATGGAGGTGGCGTCTACCAGCTGCACAATTTCTCCATCTCCTTCTCTCTCTCTCTGCTTGGAGGGATGTGGTTTCCGTTAAGCTGGACAACAGTGCCTCCGGAGCCAGCGTGGTGGCCATAGACAACAAGATCGAACAGGCCATGGATCTGGTGAAGAATCATCTGATGATGCTGTGAGAGAGGAGGTGGAGATCCTGAAGGAGCAGATCCGAGAGCTGGTGGAGAAGAACTCCCAGCTAGAGCGTGAGAACACCCTGTTGAAGACCCTGGCAAGCCAGAGCAGCTGGAGAAGTTCCAGTCTGTGAGCCCTGAAGAGCCAGCTCCCGAATCCCCACAAGTGCCCGAGGCCCTGGTGGTCTGCGGTGTAAGTGGCTCTGTCTCAGGGTGGGAGAGCCACTAACTGTTTTACTAGTCTTTCCAGTTGGTTTTGGCTTCCCCAGCATCATCTCAGGAGAGAACTTTACACCTAGCACAGCTGGTCCAAAGAAGAGTCTAAAGACCTGGGCCACNTGGGTCCACTCCAGCGACAGACCCCTGACAGAGCANGTCTCTGGAGGCTGAGNTGCATGGGGCTANTACCCAGCCAGGGAGCCTTTATGCTACTGCGC
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Restriction Sites:	NotI-NotI
ACCN:	NM_004089
Insert Size:	2000 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_004089.3</u> , <u>NP_004080.2</u>
RefSeq Size:	1986 bp
RefSeq ORF:	405 bp
Locus ID:	1831
UniProt ID:	<u>Q99576</u>
Cytogenetics:	Xq22.3
Domains:	TSC22
Protein Families:	Transcription Factors
Gene Summary:	<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 &#954;B. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (2) has a different 5' end exon compared to transcript variant 1, resulting in an isoform (2) with a different and a shorter N-terminus compared to isoform 1.</p>