

## TSC22D3 cDNA

Catalog Number: ATGD0286

### PRODUCT INFORMATION

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**Catalog number**

ATGD0286

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_004080.2

**Alternative Names**

DIP, DSIPI, GILZ, hDIP, TSC-22R

**mRNA Refseq**

NM\_004089.3

**OMIM**

300506

**Chromosome location**

Xq22.3

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

405bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

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TSC22D3 shares significant sequence identity with the murine TSC-22 and Drosophila shs, both of which are leucine zipper proteins, that function as transcriptional regulators. The expression of this gene is stimulated by glucocorticoids and interleukin 10, and it appears to play a key role in the anti-inflammatory and immunosuppressive effects of this steroid and chemokine. Transcript variants encoding different isoforms have been identified for this gene.

## DATA

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### Sequence nucleotides

```
ATGAACACCCGAAATGTATCAGACCCCATGGAGGTGGCGGTCTACCAGCTGCACAATTTCTCCATCTCCTTCTTCTCTTCTCT
GCTTGGAGGGGATGTGGTTTCCGTTAAGCTGGACAACAGTGCCTCCGGAGCCAGCGTGGTGGCCATAGACAACAAGATCG
AACAGGCCATGGATCTGGTGAAGAATCATCTGATGTATGCTGTGAGAGAGGAGGTGGAGATCCTGAAGGAGCAGATCCGA
GAGCTGGTGGAGAAGAAGACTCCAGCTAGAGCGTGAGAACACCCTGTTGAAGACCCTGGCAAGCCCAGAGCAGCTGGAGAA
GTTCCAGTCCTGTCTGAGCCCTGAAGAGCCAGCTCCCGAATCCCCACAAGTGCCCCGAGGCCCTGGTGGTTCTGCGGTGTA
A
```

### Transaction Sequence

```
MNTEMYQTPM EVAVYQLHNF SISFFSLLG GDVVSVKLDN SASGASVVAI DNKIEQAMD L VKNHLMYAVR EEVEILKEQI
RELVEKNSQL ERENTLLKTL ASPEQLEK FQ SCLSPEEPAP ESPQVPEAPG GSAV
```