

AR50584PU-S

Human TSC22D3 (1-134, His-tag) - Purified

Alternate names:

DSIP-immunoreactive peptide, DSIPI, Delta sleep-inducing peptide immunoreactor, GILZ, Glucocorticoid-induced leucine zipper protein, TSC-22-like protein, TSC-22R, TSC22 domain family protein 3

Quantity:

50 µg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

TSC22 domain family protein 3, also known as TSC22D3, protects T-cells from IL2 deprivation-induced apoptosis through the inhibition of FOXO3A transcriptional activity that leads to the down-regulation of the pro-apoptotic factor BCL2L11. In macrophages, TSC22D3 plays a role in the anti-inflammatory and immunosuppressive effects of glucocorticoids and IL10. In T-cells, TSC22D3 inhibits anti-CD3-induced NFκB1 nuclear translocation. In vitro, suppresses AP1 and NFκB1 DNA-binding activities.

Uniprot ID:

[Q99576](#)

NCBI:

[NP_004080.2](#)

GenelD:

[1831](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Description:

Recombinant human TSC22D3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMNTEMYQ TPMEVAVYQL HNFSISFFSS LLGGDVVSVK
LDNSASGASV VAIDNKIEQA MDLVKNHLMY AVREEVEILK EQIRELVEKN SQLERENTLL
KTLASPEQLE KFAQSCLSPPE PAPESPQVPE APGGSVA

Molecular weight: 17.2 kDa (157aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Asselin-Labat M.-L., et al. (2004) Blood. 104:215-223 Berrebi D., et al. (2003) Blood. 101:729-738

Pictures:

