

Recombinant Human TSC22 Domain Family, Member 3, His-tagged

Cat. No. TSC22D3-7192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TSC22D3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 17.2 kDa.
Species	Human
Source	E.coli
ProteinLength	1-134aa
Description	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 NFkB1 nuclear translocation. In vitro, suppresses AP1 and NFkB1 DNA-binding activities.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	17.2 kDa (157aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNTEMYQ TPMEVAVYQL HNFSISFFSS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LLGGDVVSVK LDNSASGASV VAIDNKIEQA MDLVKNHLMY AVREEVEILK
EQIRELVEKN SQLERENTLL KTLASPEQLE KFQSCLSPEE PAPESPQVPE
APGGSASV

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name TSC22D3 TSC22 domain family, member 3 [Homo sapiens]

Official Symbol TSC22D3

Synonyms TSC22D3; TSC22 domain family, member 3; delta sleep inducing peptide, immunoreactor , DSIPI; TSC22 domain family protein 3; DIP; GILZ; glucocorticoid induced leucine zipper; hDIP; TSC 22R; TSC-22-like protein; TSC-22 related protein; TSC-22-related protein; DSIP-immunoreactive peptide; DSIP-immunoreactive leucine zipper protein; delta sleep-inducing peptide immunoreactor; delta sleep inducing peptide, immunoreactor; glucocorticoid-induced leucine zipper protein; DSIPI; TSC-22R; DKFZp313A1123;

Gene ID 1831

mRNA Refseq NM_001015881

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Protein Refseq	NP_001015881
MIM	300506
UniProt ID	Q99576
Chromosome Location	Xq22.3
Function	sequence-specific DNA binding transcription factor activity;

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