

**TSC22D3, 1-134aa, Human, His tag, E.coli**

**Cat.NO.: TP04318**

---

3th Edition

**Synonyms:**TSC22 domain family protein 3, DIP, DSIPI, GILZ, hDIP, TSC-22R

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

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMNTEMYQTPMEVAVYQLHNFSISFFSSLLGGDVVSVKLDNSASGASVVAID  
NKIEQAMDVLVKNHLMYAVREEVEILKEQIRELVEKNSQLERENTLLKTLASPEQLEKFQSCLSPEEPAPESPQVPEA  
PGGSAV

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.