

## 32-5144: Recombinant Human TSC22 Domain Family, Member 3

**Alternative Name :** TSC22 domain family protein 3, DSIP-immunoreactive peptide, Protein DIP, hDIP, Delta sleep-inducing peptide immunoreactor, Glucocorticoid-induced leucine zipper protein, GILZ, TSC-22-like protein, TSC-22-related protein, TSC-22R, TSC22D3, DSIP, DIP.

### Description

Source : Escherichia Coli. TSC22D3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 157 amino acids (1-134 a.a) and having a molecular mass of 17.2kDa. TSC22D3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TSC22 domain family protein 3 (TSC22D3) protects T-cells from IL2 deprivation-induced apoptosis through the inhibition of FOXO3A transcriptional activity which initiates the down-regulation of the pro-apoptotic factor BCL2L11. In macrophages, TSC22D3 has a role in the anti-inflammatory and immunosuppressive effects of glucocorticoids and IL10. In T-cells, TSC22D3 hinders anti-CD3-induced NFKB1 nuclear translocation. In vitro, TSC22D3 curbs AP1 and NFKB1 DNA-binding activities.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** TSC22D3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGS MNTEMYQ TPMEVAVYQL HNF SIFSS LLGGDVVSVK  
LDNSASGASV VAIDNKIEQA MDLVKNHLMY AVREEVEILK EQIRELVEKN SQLERENTLL KTLASPEQLE  
KFQSCLSPEE PAPESPQVPE APGGS AV.

