9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TSC22D3 Human

TSC22 Domain Family, Member 3 Human Recombinant
RCP2457

Product Overview

Name	TSC22D3 Human
Description	
TSC22 Domain Family, Member 3 Human Recombinant	
Accession (Primary)	Q99576
Synonyms	
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, DSIPI, DIP.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TSC22D3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MNTEMYQ TPMEVAVYQL HNFSISFFSS LLGGDVVSVK LDNSASGASV	

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VAIDNKIEQA MDLVKNHLMY AVREEVEILK EQIRELVEKN SQLERENTLL KTLASPEQLE KFQSCLSPEE PAPESPQVPE APGGSAV.

Precautions

TSC22D3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99576)