

Recombinant Mouse Tsc22d3 Protein, Myc/DDK-tagged

Cat. No. Tsc22d3-6680M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length TSC22 domain family, member 3 (Tsc22d3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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, plays a role in the anti-inflammatory and immunosuppressive effects of glucocorticoids and IL10. In T-cells, inhibits anti-CD3-induced NFkB1 nuclear translocation. In vitro, suppresses AP1 and NFkB1 DNA-binding activities. Isoform 1 and isoform 4 inhibit myogenic differentiation and mediate anti-myogenic effects of glucocorticoids by binding and regulating MYOD1 and HDAC1 transcriptional activity resulting in reduced expression of MYOG.
Molecular Mass	15.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 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

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Tsc22d3 TSC22 domain family, member 3 [*Mus musculus* (house mouse)]

Official Symbol Tsc22d3

Synonyms TSC22D3; TSC22 domain family, member 3; TSC22 domain family protein 3; TSC22 domain family 3; TSC22-related inducible leucine zipper 3; TSC22-related-inducible leucine zipper 3; delta sleep inducing peptide, immunoreactor; glucocorticoid-induced leucine zipper protein; long glucocorticoid-induced leucine zipper protein; DIP; Gilz; Dsip1; Tilz3; TSC-22R

Gene ID 14605

mRNA Refseq NM_010286

Protein Refseq NP_034416

UniProt ID Q9Z2S7

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