Recombinant human TSC22D3 protein

Catalog Number: ATGP1760

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-134aa

UniProt No.
Q99576

NCBI Accession No.
NP_004080

Alternative Names
TSC22 domain family protein 3, DIP, DSIPI, GILZ, hDIP, TSC-22R

PRODUCT SPECIFICATION

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

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
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Amino acid Sequence

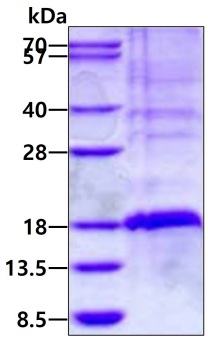
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General References

Asselin-Labat M.-L., et al. (2004) Blood. 104:215-223
Berrebi D., et al. (2003) Blood. 101:729-738

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.