

Datasheet for ABIN7544146
TSC22D3 Protein (AA 1-134) (His tag)



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Overview

Quantity:	1 mg
Target:	TSC22D3
Protein Characteristics:	AA 1-134
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSC22D3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TSC22D3 Protein expressed in mammalian cells.
Sequence:	MNTEMYQTPM EVAVYQLHNF SISFFSSLLG GDVVSVKLDN SASGASVVAI DNKIEQAMD L VKNHLMYAVR EEVEILKEQI RELVEKNSQL ERENTLLKTL ASPEQLEKFQ SCLSPPEEPAP ESPQVPEAPG GSAV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TSC22D3
Alternative Name:	TSC22D3 (TSC22D3 Products)
Background:	<p>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),FUNCTION: 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 (PubMed:15031210). In macrophages, plays a role in the anti-inflammatory and immunosuppressive effects of glucocorticoids and IL10 (PubMed:12393603). In T-cells, inhibits anti-CD3-induced NFKB1 nuclear translocation and thereby NFKB1 DNA-binding activities (PubMed:11468175). In vitro, suppresses AP-1 transcription factor complex DNA-binding activities (By similarity). {ECO:0000250 UniProtKB:Q9Z2S7, ECO:0000269 PubMed:11468175, ECO:0000269 PubMed:12393603, ECO:0000269 PubMed:15031210}, FUNCTION: [Isoform 1]: Inhibits myogenic differentiation and mediates anti-myogenic effects of glucocorticoids by binding and regulating MYOD1 and HDAC1 transcriptional activity resulting in reduced expression of MYOG. {ECO:0000250 UniProtKB:Q9Z2S7}.</p>
Molecular Weight:	14.8 kDa
UniProt:	Q99576

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
