

Datasheet for ABIN7544129

TSC22D2 Protein (AA 1-780) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TSC22D2
Protein Characteristics:	AA 1-780
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSC22D2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TSC22D2 Protein expressed in mammalian cells.
Sequence:	<p>MSKMPAKKKS CFQITSVTTA QVATSITEDT ESLDDPDESR TEDVSSEIFD VSRATDYGPE EVCERSSSEE TLNNVGDAET PGTVSPNLLL DGQLAAAAAA PANGGGVVSA RSVSGALAST LAAAATSAPA PGAPGGPQLA GSSAGPVTA A PSQPPTTCSS RFRVIKLDHG SGEPYRRGRW TCMEYYERDS DSSVLTRSGD CIRHSSTFDQ TAERDSGLGA TGGSVVVVA SMQGAHGPE GTDSSLTAVS QLPPSEKMSQ PTPAQQSFS VGQPQPPPPP VGGAVAQSSA PLPPFPGAAT GPQPMMAAAQ PSQPQGAGPG GQTLPTNVT LAQPAMSLPP QGPAVGAPA AQQPQQFAYP QPQIPPGHLL PVQPSGQSEY LQQHVAGLQP PSPAQPSSTG AAASPATAAT LPVGTGQNAS SVGAQLMGAS SQPSEAMAPR TGPAQGGQVA PCQPTGVPPA TVGGVVQPCL GPAGAGQPQS VPPPQMGGSG PLSAVPGGPH AVVPGVPNVP AAVPAPSVPS VSTTSVTMPN VPAPLAQSQQ LSSHTPVRS SSIQHVGLP LAPGTHSAPT SLPQSDLSQF QTQTQPLVGQ VDDTRRKSEP LPQPPLSLIA ENKPVVKPPV ADSLANPLQL TPMNSLATS FSAIPVDGD EDRNPSTAFY QAFHLNLTKE SKSLWDSASG GGVVAIDNKI EQAMD LVKSH LMYAVREEVE VLKEQIKELV</p>

Product Details

ERNSSLEREN ALLKSLSSND QLSQLPTQQA NPGSTSQQQA VIAQPPQPTQ PPQQPNVSSA

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:

- 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.
- 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: TSC22D2

Alternative Name: TSC22D2 ([TSC22D2 Products](#))

Background: TSC22 domain family protein 2 (TSC22-related-inducible leucine zipper protein 4),FUNCTION: Reduces the level of nuclear PKM isoform M2 which results in repression of cyclin CCND1 transcription and reduced cell growth. {ECO:0000269|PubMed:27573352}.

Molecular Weight: 79.2 kDa

UniProt: [075157](#)

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
