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Datasheet for ABIN2734445

TSHZ3 Protein (Myc-DYKDDDDK Tag)

1 Image

Overview

Quantity:	20 µg
Target:	TSHZ3 (ZNF537)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSHZ3 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

- Characteristics:
- Recombinant human TSHZ3 / ZNF537 protein expressed in HEK293 cells.
 - Produced with end-sequenced ORF clone

Purity: > 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target: TSHZ3 (ZNF537)

Alternative Name: Tshz3,znf537 ([ZNF537 Products](#))

Background: This gene encodes a zinc-finger transcription factor that regulates smooth muscle cell differentiation in the developing urinary tract. Consistent with this role, mice in which this gene has been inactivated exhibit abnormal gene expression in urinary tract smooth muscle cell precursors and kidney defects including hydronephrosis. The encoded transcription factor comprises a gene silencing complex that inhibits caspase expression. Reduced expression of

Target Details

this gene and consequent caspase upregulation may be correlated with progression of Alzheimer's disease in human patients.

Molecular Weight: 118.4 kDa

NCBI Accession: [NP_065907](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

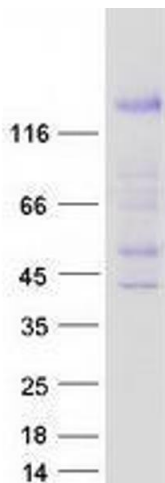
Concentration: 50 µg/mL

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

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot