

Recombinant Human TSHZ3 Protein, MYC/DDK-tagged

Cat. No. TSHZ3-2797H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSHZ3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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 this gene and consequent caspase upregulation may be correlated with progression of Alzheimer's disease in human patients.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	118.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	TSHZ3 <i>teashirt zinc finger homeobox 3 [Homo sapiens]</i>
Official Symbol	TSHZ3
Synonyms	TSH3; ZNF537
Gene ID	57616
mRNA Refseq	NM_020856
Protein Refseq	NP_065907
MIM	614119
UniProt ID	Q63HK5

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