

## Recombinant Human TSHZ3 Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TSHZ3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	118.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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

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