

Product datasheet for **TP311499**

ZNF537 (TSHZ3) (NM_020856) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human teashirt zinc finger homeobox 3 (TSHZ3), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA >RC211499 representing NM_020856
Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MPRRKQQAPRRAAAYVSEELKAAALVDEGLDPEEHTADGEPYAKYMCPEKELARACPSYQNSPAAEFSCHEMDSESHISETSDRMADFESGSIKNEEETKEVTVPLEDTTVSDSLEQMKAVYNNFLSNSYWSNLNLNLHQPSSEKNNGSSSSSSSSSSSSCGSGSFDWHQSAMAQTLQQVSRMLPEPSLFSTVQLYRQSSKLYGSIFTGASKFRCKDCSAAYDTLVELTVHMMNETGHYRDDNHETDNNPKRWSKPRKRSLLMEGKEDAQKVLKCMYCGHSFESLQDLSVHMIKTKHYQKVPLKEPVPVAAKIIPATRKASLELELPSSPDSTGGTPKATISDTNDALQKNSNPYITPNNRYGHQNGASYAWHFEARKSQILKCMCEGSSHDTLQELTAHMMVTGHFIKVTNSAMKKGKPIVETPVTPTITLLDEKVQSVPLAATFTSPSNTPASISPKLNVEVKKEVDKEKAVTDEKPKQKDKPGEEEEKCDISSKYHYLTENDLEESPKGGLDILKSLNTVTSAINKAQNGTPSWGGSYPSIAAYQLPMMMLKLSLGSSTPLKPMFGNSEIVSPTKNQTLVSPSSQTSMPKTNFHAMEELVKKVTEKVAKVEEKMKEPDGKLSPPKRATPSPCSSEVGEPIKMEASSDGGFRSQENSPSPPRDGCKDGSPLAEPVENGKELVKPLASLSLGSSTAITDHPPEQPFVNPLSALQSVNIIHLGKAAKPSLPALDPMSMLFKMNSLAEKAAVATPPPLQSKKADHLDRYFYHVNNDQPIDLTKGKSDKGC SLGSVLLSPTSTAPATSSSTVTTAKTSAVVSFMSNSPLRENALSDISDMLKNTLSTESHTSKSSTPSSISEKSDIDGATLEEAESTPAQKRKGRQSNWNPQHLLILQAQFAASLRQTSEGKYIMSDLSPQERMHISRFTGLSMTTISHWLANVKYQLRRTGGTKFLKNLDTGHPVFFCNDCASQIRTPSTYISHLESHLGFRLRDL SKLSTEQINSQIAQTKSPSEKMTSSPEEDLGTSYQCKLCNRTFASKHAVKLHLSKTHGKSPEDHLLYVSELEKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

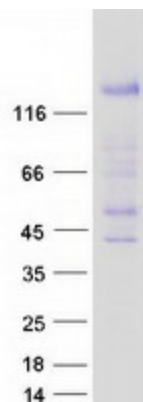
Tag: C-Myc/DDK
Predicted MW: 118.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065907
Locus ID:	57616
UniProt ID:	Q63HK5
RefSeq Size:	4995
Cytogenetics:	19q12
RefSeq ORF:	3243
Synonyms:	TSH3; ZNF537
Summary:	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. [provided by RefSeq, Jul 2016]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified TSHZ3 protein (Cat# TP311499). The protein was produced from HEK293T cells transfected with TSHZ3 cDNA clone (Cat# [RC211499]) using MegaTran 2.0 (Cat# [TT210002]).