

## Product datasheet for **TP306939M**

### **TSPYL5 (NM\_033512) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens TSPY-like 5 (TSPYL5), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC206939 representing NM_033512 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSGRSRGRKSSRAKNRGKGRAKARVRPAPDDAPRDPDPSQYQSLGEDTQAAQVQAGAGWGGLEAAASA QL LRLGEEAACRLPLDCGLALRARAAGDHGQAAARPGPGKAASLSERLAADTVFVG TAGTVGRPKNAPRVGN RRGPAGKKAPETCSTAGRGPQVIAGGRQKKGAAGENTSVSAGEEKKEERDAGSGPPATEGSMDTLENVQL KLENMNAQADRAYLRLSRKFGQLRLQHLERRNH LIQNIPGFWGQAFQNH PQLASFLNSQEKEVLSYLN S L EVEELGLARLG YKIKFYFDRNPYFQNKVLIKEYGCGPSGQVVS RSTPIQWLPGHDLQSL SQGNPENNR SF FGWFSNHSSIESDKVVEIINEELWPNPLQFYLLSEGARVEKGKEKEGRQGPGKQPMETTQPGVSQSN  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	45 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: NP\_277047

Locus ID: 85453

UniProt ID: Q86VY4

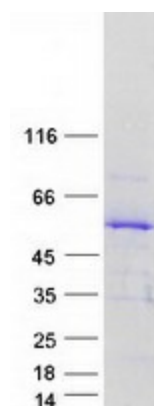
RefSeq Size: 4478

Cytogenetics: 8q22.1

RefSeq ORF: 1251

**Summary:** Involved in modulation of cell growth and cellular response to gamma radiation probably via regulation of the Akt signaling pathway. Involved in regulation of p53/TP53. Suppresses p53/TP53 protein levels and promotes its ubiquitination; the function is dependent on USP7 and independent on MDM2. Proposed to displace p53/TP53 from interaction with USP7. [UniProtKB/Swiss-Prot Function]

## Product images:



Coomassie blue staining of purified TSPYL5 protein (Cat# [TP306939]). The protein was produced from HEK293T cells transfected with TSPYL5 cDNA clone (Cat# [RC206939]) using MegaTran 2.0 (Cat# [TT210002]).