

# Recombinant Human TSPYL5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TSPYL5-3394H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

TSPYL5 MS Standard C13 and N15-labeled recombinant protein (NP\_277047) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

45 kDa

### AA Sequence

MSGRSRGRKSSRAKNRGKGRAKARVRPAPDDAPRDPDPSQYQSLGEDTQAAQVQ  
 AGAGWGGLEAAASAQLLRLGEEAACRLPLDCGLALRARAAGDHGQAAARPGPGKA  
 ASLSERLAADTVFVGTTAGTVGRPKNAPRVGNRRGPAGKKAPETCSTAGRGPQVIA  
 GGRQKKGAAGENTSVSAGEEKKEERDAGSGPPATEGSMDTLENVQLKENMNAQ  
 ADRAYLRLSRKFGQLRLQHLERRNHLIQNIPGFWGQAFQNHPLASFLNSQEKEVL  
 SYLNSLEVEELGLARLGYKIKFYFDRNPYFQNKVLIKEYGCGPSGQVVSRSTPIQWL  
 PGHDLQSLSQGNPENNRSFFGWFSNHSSIESDKVVEIINEELWPNPLQFYLLSEGAR  
 VEKGKEKEGRQGPGKQPMETTQPGVSQSNTTRTRPLEQKLISEEDLAANDILDYKDD

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	DDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TSPYL5 TSPY-like 5 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TSPYL5
<b>Synonyms</b>	TSPYL5; TSPY-like 5; testis-specific Y-encoded-like protein 5; KIAA1750; TSPY-like protein 5;
<b>Gene ID</b>	85453
<b>mRNA Refseq</b>	NM_033512
<b>Protein Refseq</b>	NP_277047
<b>MIM</b>	614721
<b>UniProt ID</b>	Q86VY4

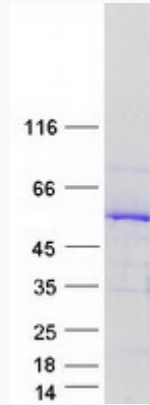
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SDS-PAGE



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