

Product datasheet for PH306939

TSPYL5 (NM_033512) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TSPYL5 MS Standard C13 and N15-labeled recombinant protein (NP_277047)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206939
Predicted MW:	45 kDa
Protein Sequence:	>RC206939 representing NM_033512 Red =Cloning site Green =Tags(s)

MSGRSRGRKSSRAKNRGKGRAKARVRPAPDDAPRDPDPSPQYQSLGEDTQAAQVQAGAGWGGLAAAASQL
 LRLGEEAACRLPLDCGLALRARAAGDHGQAAARPGPKAASL SERLAADTVFVG TAGTVGRPKNAPRVGN
 RRGPA GKAPETCSTAGRGPQVIAGGRQKKGAAGENTSVSAGEEKKEERDAGSGPPATEGSM DTLNVQL
 KLENMNAQADRAYLRLSRKFGQLRLQHLERRNHLIQNIPGFWGQAFQNH PQLASF LNSQEKEVLSYLNLSL
 EVEELGLARLGYKIKFYFDRNPYFQNKVLIKEYGCGPSGQVVSRTPIQWLP GHDLQSL SQGNPENNRSF
 FGWFSNHSSIESDKVVEIINEELWPNPLQFYLLSEGARVEKGKEKEGRQGPGKQPMETTQPGVSQSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

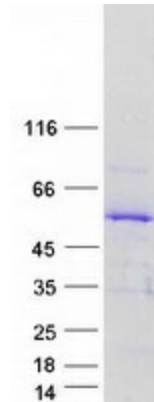
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_277047</u>
RefSeq Size:	4478
RefSeq ORF:	1251
Locus ID:	85453
UniProt ID:	<u>Q86VY4</u>


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Cytogenetics: 8q22.1

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]).