

[Go to Product page](#)

Datasheet for ABIN7558274

**TSPY-Like 2 Protein (TSPYL2) (AA 1-677) (His tag)**

## Overview

Quantity:	1 mg
Target:	TSPY-Like 2 (TSPYL2)
Protein Characteristics:	AA 1-677
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSPY-Like 2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Tspyl2 Protein expressed in mammalien cells.
Sequence:	<p>MDRPDEGPPA KTPRLSSSEP RQRDLPPPPP PPLQRLPLPP PQRPRPQEE TEAAQVLADM RGVGPTLPPP LPYVILEEGG IRAYFTLSAE SPGWDHAMES GFGEAPSTGI METLPSSEIS GGSLAIDFQV AEPSSLGEKA LETCSLGGWG PQMLVGPKRK EEAIIVEDE DEDDKESVRR RQRRRRRRRK QRKAKESRER SAQRMESILQ ALESIQMDLE AVNIKAGKAF LRLKRKFIQM RRPFLERRDL IIQHIPGFVW KAFLNHPRIS ILINQRDRDI FRYLTNLQVQ DLRHISMGYK MKLYFQTPNY FTNMVIVKEF QRNRSGRLVS HSTPIRWHRG QEPQAYNRRS HDTRESFFNW FSNHSLPEAD RIAEIIKNDL WVNVPVRYMR RGGYRSSRKK QHGKERAKNQ YEMVIMEDAH DHYAIEDILS DISEIDEITD NETIHDIKIS DFMETTDYFE TTDNEVTDAN ENLCDSNPD HSEGYNTKIT DNKGSVAANP DDNSDDPEEK NTYDSEDSNS EKADGDNTTL RDNQQVTNIQ DSSSDSDNGDE GSDDDDDDGN EGDNEGSDDD DDDNEGSDDD DRDIRYYKNG PEVFDKALDN RTNQNDYEEE VELISEDSVE EEEETSEEAS QLSEDSYEDE RIYGEERSEV NSESDSIQEV</p>

## Product Details

---

LPVPKAWASL GKKGKIG **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

---

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

---

### Grade:

custom-made

---

## Target Details

---

### Target:

TSPY-Like 2 (TSPYL2)

---

### Alternative Name:

Tspyl2 ([TSPYL2 Products](#))

---

### Background:

Testis-specific Y-encoded-like protein 2 (TSPY-like protein 2) (CASK-interacting nucleosome assembly protein) (Differentially-expressed nucleolar TGF-beta1 target protein),FUNCTION: Part of the CASK/TBR1/TSPYL2 transcriptional complex which modulates gene expression in response to neuronal synaptic activity, probably by facilitating nucleosome assembly. May inhibit cell proliferation by inducing p53-dependent CDKN1A expression. {ECO:0000269|PubMed:15066269}.

---

### Molecular Weight:

77.7 kDa

---

### UniProt:

[Q7TQI8](#)

---

### Pathways:

[ER-Nucleus Signaling](#)

---

## Application Details

---

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Buffer: The buffer composition is at the discretion of the manufacturer.

---

Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -80 °C

---

Storage Comment: Store at -80°C.

---

Expiry Date: 12 months

---