

Datasheet for ABIN7544885

TSPY-Like 2 Protein (TSPYL2) (AA 1-693) (His tag)



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Overview

Quantity:	1 mg
Target:	TSPY-Like 2 (TSPYL2)
Protein Characteristics:	AA 1-693
Origin:	Human
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 KTRRLSSSES PQRDPPPPPP PPPLLRLLPLP PPQQRPLQE ETEAAQVLAD MRGVGLGPAL PPPPPYVILE EGGIRAYFTL GAECPGWDST IESGYGEAPP PTESLEALPT PEASGGSLEI DFQVVQSSSF GGEGALETCS AVGWAPQLRV DPKSKEEAI IVEDEDEDER ESMRSSRRRR RRRRRKQRKV KRESRERNAE RMESILQALE DIQLDLEAVN IKAGKAFLRL KRKFIQMRRP FLERRDLIIQ HIPGFVVKAF LNHPRISILI NRRDEDIFRY LTNLQVQDLR HISMGYKMKL YFQTNPYFTN MVIVKEFQRN RSGRLVSHST PIRWHRGQEP QARRHGNQDA SHSFFSWFSN HSLPEADRIA EIIKNDLWVN PLRYLRRERG SRIKRKKQEM KKRKTRGRCE VVIMEDAPDY YAVEDIFSEI SDIDETIHDI KISDFMETTD YFETTDNEIT DINENICDSE NPDHNEVPNN ETTDNNESAD DHETTDNNE ADDNNENPED NKNNTDDNEE NPNNNTYG NNFFKGGFWG SHGNNQDSSD SDNEADEASD DEDNDGNEGD NEGSDDDGNE GDNEGSDDDD RDIEYYEKVI EDFDKDQADY EDVIEIISDE SVEEEGIEEG IQQDEDIYEE GNYEEEGSED</p>

Product Details

VWEEGEDSDDD SDLEDVLQVP NGWANPGKRG KTG **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) (Cell division autoantigen 1) (Cutaneous T-cell lymphoma-associated antigen se20-4) (CTCL-associated antigen se20-4) (Differentially-expressed nucleolar TGF-beta1 target protein) (Nuclear protein of 79 kDa) (NP79),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:11395479, ECO:0000269|PubMed:17317670}.

Molecular Weight:

79.4 kDa

Target Details

UniProt: [Q9H2G4](#)

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
