

Datasheet for ABIN7545843  
**ZWILCH Protein (AA 1-591) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ZWILCH
Protein Characteristics:	AA 1-591
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZWILCH protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ZWILCH Protein expressed in mammalian cells.
Sequence:	MWERLNCAAE DFYSRLLQKF NEEKKGIRKD PFLYEADVQV QLISKGQPNP LKNILNENDI VFIVEKVPLE KEETSHIEEL QSEETAISDF STGENVGPLA LPVGKARQLI GLYTMAHNPN MTHLKINLPV TALPPLWVRC DSSDPEGTCW LGAELITNNTN SITGIVLYVV SCKADKNYSV NLENLKNLHK KRHHLSTVTS KGFAQYELFK SSALDDTITA SQTALALDIS WSPVDEILQI PPLSSTATLN IKVESGEPRG PLNHLYRELK FLLVLADGLR TGVTEWLEPL EAKSAVELVQ EFLNDLNKLD GFGDSTKKDT EVETLKHDTA AVDRSVKRLF KVRSDLDFAE QLWCKMSSSV ISYQDLVKCF TLIIQSLQRG DIQPWLHSGS NSLLSKLIHQ SYHGTMDTVS LSGTIPVQML LEIGLDKLLK DYISFFIGQE LASLNHLEYF IAPSVDIQEQ VYRVQKLHHI LEILVSCMPF IKSQHELLFS LTQICIKYYY QNPLDEQHIF QLPVRPTAVK NLYQSEKPQK WRVEIYSGQK KIKTVWQLSD SSPIDHLNFH KPDSFELTLN GSLEERIFFT NMVTC SQVHF K <b>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</b>

## Product Details

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### **request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

#### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

## Target Details

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Target: ZWILCH

Alternative Name: ZWILCH ([ZWILCH Products](#))

Background: Protein zwilch homolog (hZwilch),FUNCTION: Essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis. Required for the assembly of the dynein-dynactin and MAD1-MAD2 complexes onto kinetochores. Its function related to the spindle assembly machinery is proposed to depend on its association in the mitotic RZZ complex (PubMed:15824131). {ECO:0000269|PubMed:15824131}.

Molecular Weight: 67.2 kDa

UniProt: [Q9H900](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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