

## Product datasheet

# Recombinant Human ZWINT protein ab180284

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human ZWINT protein
<b>Purity</b>	> 85 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><a href="#">O95229-2</a></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHSSGLVPRGSHMGSMEEAAETEAEAAALEV LAEVAGILEPVG LQEEAELPAKILVEFVVDSSQKKDKLLCSQLQVADFLQNIL AQEDTAKGLD PLASEDTSRQKAIAAKEQWKELKATYREHVEAIKIGLTKAL TQMEEAQRK RTQLREAFEQQLQAKKQMAAMEKRRRAVQNQWQLQQEKHLQ HLAEVSAEGKLL FPEAEAEAENLPDDKPQQPTRPQEQTSGDTMGRDPGVS FKAVGLQPAGDV NLP
<b>Predicted molecular weight</b>	28 kDa including tags
<b>Amino acids</b>	1 to 230
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	NP_001005413.

### Specifications

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Our **Abpromise guarantee** covers the use of **ab180284** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Mass Spectrometry

SDS-PAGE

**Mass spectrometry** MALDI-TOF

**Form** Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 20% Glycerol (glycerin, glycerine), 0.02% DTT

## General Info

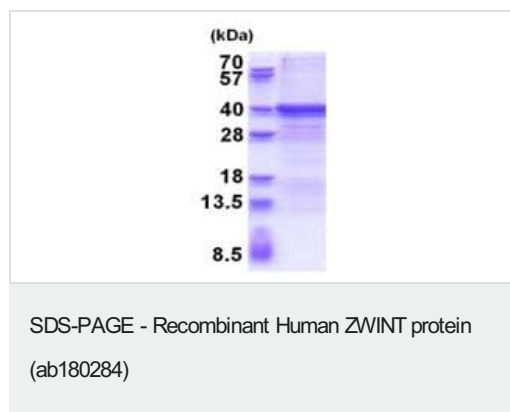
### Function

Part of the MIS12 complex, which is required for kinetochore formation and spindle checkpoint activity. Required to target ZW10 to the kinetochore at prometaphase.

### Cellular localization

Nucleus. Chromosome > centromere > kinetochore. Localizes to kinetochores from late prophase to anaphase.

## Images



15% SDS-PAGE analysis of ab180284 (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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