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## Datasheet for ABIN7319196 ZWINT Protein (His tag)

### Overview

Quantity:	50 µg
Target:	ZWINT
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZWINT protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human ZWINT Protein (His Tag)
Sequence:	Met 1-Pro277
Characteristics:	Recombinant Human ZW10 Interactor is produced by our E.coli expression system and the target gene encoding Met1-Pro277 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	ZWINT
Alternative Name:	ZWINT ( <a href="#">ZWINT Products</a> )
Background:	Background: ZW10 Interactor is localized to the kinetochores from late Prophase to Anaphase and has a uniform distribution in the cytoplasm of Interphase cells. ZWINT interacts ZW10, MIS12 and NDC80 subunit of the NDC80 complex specifically during mitosis. ZWINT is a part

## Target Details

of the MIS12 complex which is required for kinetochore formation and spindle checkpoint activity. In addition, ZWINT is required to target ZW10 to the kinetochore at prometaphase.  
Synonym: ZW10 Interactor, ZW10-Interacting Protein 1, Zwint-1, ZWINT

Molecular Weight: 33.4 kDa

UniProt: [O95229](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.