

## Product datasheet for PH318480

### ZWINT (NM\_032997) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ZWINT MS Standard C13 and N15-labeled recombinant protein (NP_127490)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218480
Predicted MW:	31.2 kDa
Protein Sequence:	>RC218480 protein sequence Red=Cloning site Green=Tags(s)  MEAAETEAEAAALEVLAEVAGILEPVGLQEEAELPAKILVEFVDSQKKDKLLCSQLQVADFLQNILAQE DTAKGLDPLASEDTSRQKAIAAKEQWKELKATYREHVEAIKIGLTKALQMEEAQKRKRTLREAFEQLQA KKQMAMEKRRAVQNQWQLQQEKHLQHLEVSAEVREKRTGTQQELDGVFQKLGNLKQQAEQERDKLQRYQ TFLQLLYTLQGKLLFPEAEAEANLPDDKPQQPTRPQEQSTGDTMGRDPGVSFKAVGLQPAGDVNLP  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_127490</a>
RefSeq Size:	1878
RefSeq ORF:	831
Synonyms:	HZwint-1; KNTC2AP; SIP30; ZWINT1
Locus ID:	11130
UniProt ID:	<a href="#">O95229</a>



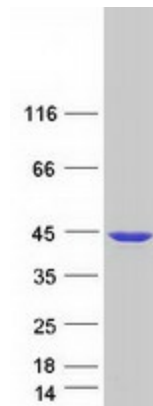
[View online »](#)

Cytogenetics: 10q21.1

**Summary:** This gene encodes a protein that is clearly involved in kinetochore function although an exact role is not known. It interacts with ZW10, another kinetochore protein, possibly regulating the association between ZW10 and kinetochores. The encoded protein localizes to prophase kinetochores before ZW10 does and it remains detectable on the kinetochore until late anaphase. It has a uniform distribution in the cytoplasm of interphase cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified ZWINT protein (Cat# [TP318480]). The protein was produced from HEK293T cells transfected with ZWINT cDNA clone (Cat# [RC218480]) using MegaTran 2.0 (Cat# [TT210002]).