

## Product datasheet for **RC218540L4V**

### ZWINT (NM\_001005413) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ZWINT (NM_001005413) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZWINT
Synonyms:	HZwint-1; KNTC2AP; SIP30; ZWINT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001005413
ORF Size:	690 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218540).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001005413.1</a> , <a href="#">NP_001005413.1</a>
RefSeq Size:	1546 bp
RefSeq ORF:	693 bp
Locus ID:	11130
UniProt ID:	<a href="#">O95229</a>
Cytogenetics:	10q21.1
Protein Families:	Druggable Genome
MW:	25.4 kDa



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**Gene 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]