

## Recombinant Mouse Zw10 Protein, Myc/DDK-tagged

Cat. No. Zw10-7132M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse zw10 kinetochore protein (Zw10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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. Involved in regulation of membrane traffic between the Golgi and the endoplasmic reticulum (ER); the function is proposed to depend on its association in the interphase NRZ complex which is believed to play a role in SNARE assembly at the ER.
<b>Molecular Mass</b>	88.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Zw10 zw10 kinetochore protein [ *Mus musculus* (house mouse) ]

**Official Symbol** Zw10

**Synonyms** Zw10; zw10 kinetochore protein; MmZw10; 6330566F14Rik; centromere/kinetochore protein zw10 homolog; ZW10 homolog, centromere/kinetochore protein

**Gene ID** 26951

**mRNA Refseq** NM\_012039

**Protein Refseq** NP\_036169

**UniProt ID** O54692

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