

Recombinant Mouse Zw10 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zw10 kinetochore protein (Zw10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	88.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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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