

Recombinant Human ZW10 cell lysate

Cat. No. ZW10-2102HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. The encoded protein binds to centromeres during the prophase, metaphase, and early anaphase cell division stages and to kinetochore microtubules during metaphase.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ZW10 ZW10, kinetochore associated, homolog (Drosophila) [Homo sapiens]
Official Symbol	ZW10
Synonyms	ZW10; ZW10, kinetochore associated, homolog (Drosophila); ZW10 (Drosophila) homolog, centromere/kinetochore protein; centromere/kinetochore protein zw10 homolog; KNTC1AP; zeste white 10 homolog; ZW10 homolog, centromere/kinetochore protein; HZW10; MGC149821;

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Gene ID	9183
mRNA Refseq	NM_004724
Protein Refseq	NP_004715
MIM	603954
UniProt ID	O43264
Chromosome Location	11q23
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem;
Function	centromeric DNA binding; protein binding;

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