



Figure 1 **Cds1p kinase activity.** *orp1*<sup>ts</sup> *cdc18*<sup>ts</sup> cells having pREP-*cds1*<sup>+</sup> were grown as in Fig. 2. Thiamine was washed from the cultures to allow expression of *cds1*<sup>+</sup> and cells were grown for 17 hours at 25 °C. Then, cells were treated with 12 mM HU. At time 0 cells were either maintained at 25 °C or transferred to 36 °C. Samples were taken and nuclei were visualized by staining with DAPI. Kinase activity associated with Cds1p was measured by immunoprecipitation with anti-Cds1p antibody.