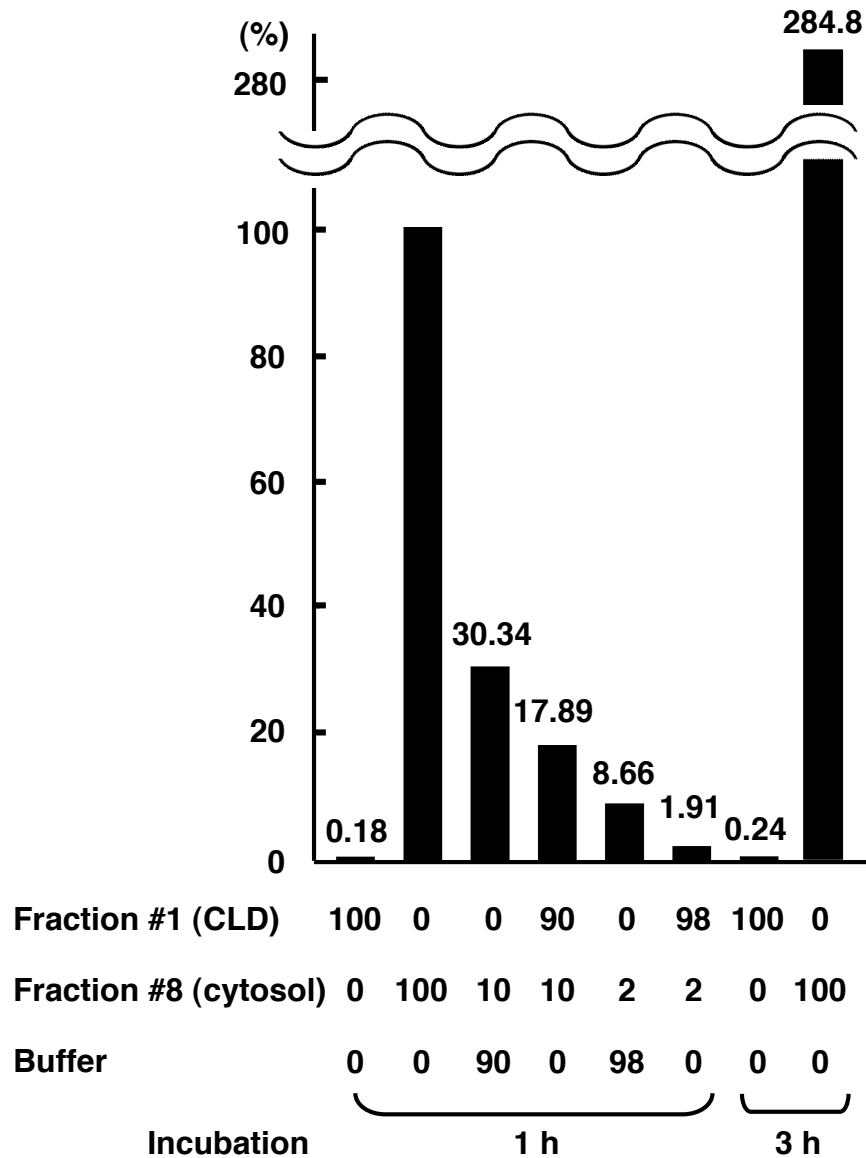


20S proteasome activity



Supplementary Figure 4. The 20S proteasome activity was measured using 100 μ M N-succinyl-Leu-Leu-Val-Tyr-7-amino 4-methylcoumarin as the substrate. The reaction mixtures (100 μ l) were incubated for 1 h or 3 h at 37°C, and fluorescence intensity was measured using an excitation wavelength of 355 nm and an emission wavelength of 460 nm. Relative activities are shown (fraction #8 at 1 h = 100%). The proteasomal activity of the cytosolic fraction was significantly lowered by mixing with the CLD fraction instead of a buffer solution.