

Oligomeric state and holding activity of Hsp60

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Supplementary Materials

Figure S1. CD spectra at varying temperature for 15 μ M Hsp60 in monomeric (left panel) and tetradecameric (right panel) form.

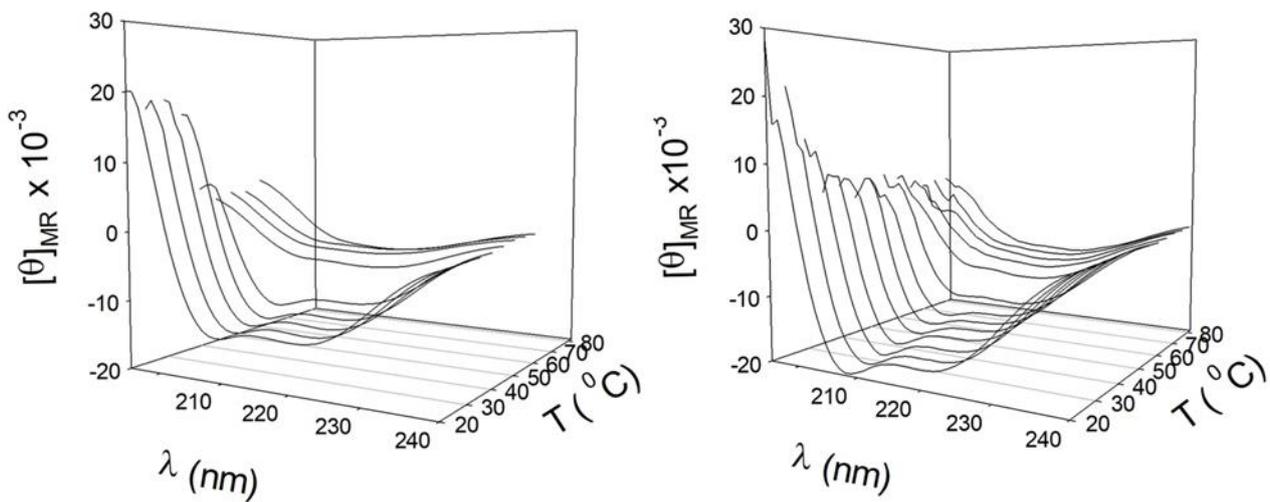


Figure S2. Panel A: Size exclusion chromatographic profile of recombinant Hsp60 expressed in bacteria and purified as described in the text. The peak with the smallest elution volume is influenced by the presence of species larger than the column pore size (200 nm) and is therefore ignored. The peak with the largest elution volume, corresponding to protein in dimeric and monomeric form, was collected and stored at $-80\text{ }^{\circ}\text{C}$. A small fraction of heptamers is detectable at 10 ml elution volume. Panel B: Chromatographic profile of the mono-dimeric fraction after thawing and resuspension in solution. Panel C: Chromatographic profile of the mono-dimeric fraction after treatment with ATP. The presence of larger species with dimensions corresponding to those of tetradecamers is now evident.

