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Supporting information for article:

**Structure and activity of a thermally stable mutant of
Acanthamoeba actophorin**

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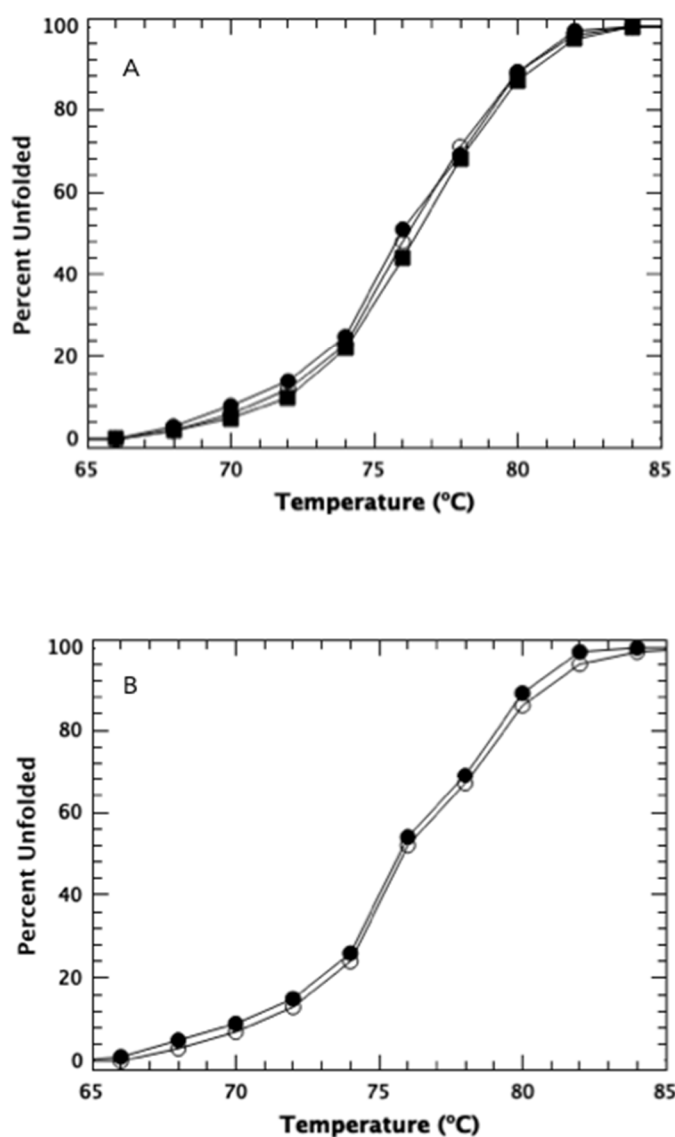


Figure S1 Top: Fraction unfolded protein as a function of temperature for three different concentrations of Acto-2. 5 μM (closed circles), 10 μM (open circles), 40 μM (closed squares). Bottom: Reversibility of the unfolding reaction. Acto-2 at 20 μM was unfolded with a temperature step of 1 $^{\circ}\text{C}$ with a dwell at temperature of five minutes prior to taking the spectrum (open circles). The same temperature scenario was employed to monitor the refolding transition (closed circles).