

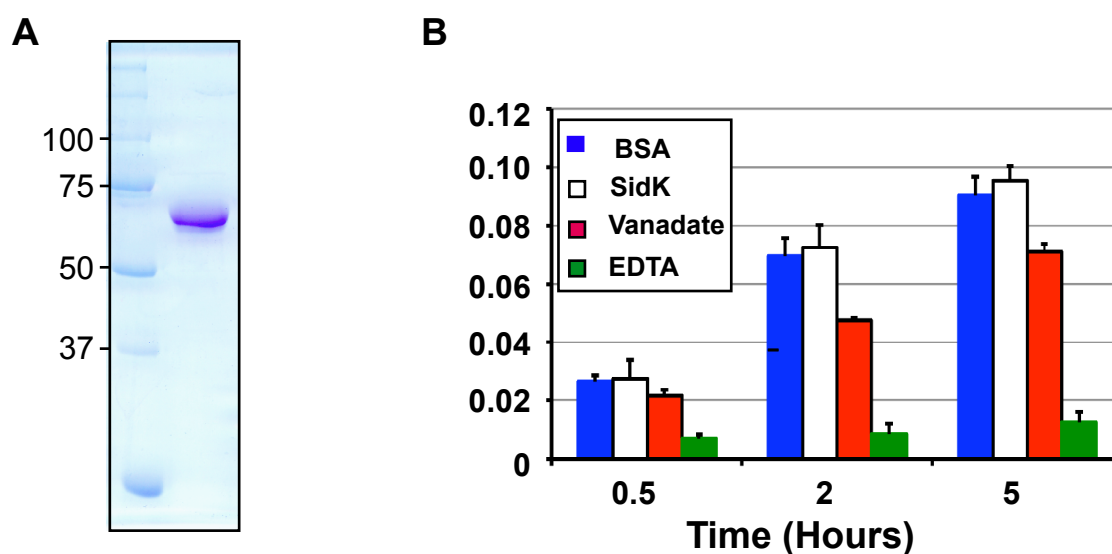


Fig. S7 SidK does not affect ATPase activity of Hsp70. Mammalian Hsp70 was purified from *E. coli* as a His₆-tagged protein (**A**). 0.5 ug of purified protein was incubated with 2 mM ATP and the indicated compounds or proteins for various periods of time (X-axis). Hydrolysis of ATP was monitored by measuring released free phosphate with malachite green (**B**). Similar results were obtained in two experiments done in triplicates. Concentrations of testing materials: BSA, 1 μ M; SidK, 1 μ M; Vanadate, 1 mM; EDTA, 10 mM.