



**Supplemental Figure S2.** Prokaryotic expression and Western blotting analysis of CiPrx3. **(A)** Prokaryotic expression of CiPrx3 recombinant protein. Lane M: Protein molecular weight marker; lane 2: whole bacterial lysate after 6 h induction with 1.0 mM IPTG; lane 3: supernatant of lysate; lane 4, precipitation of lysate; lane 5, the passed lysate through Ni-NTA resin; lane 5-9, recombinant CiPrx3 protein eluted from Ni-NTA resin with different concentrations (80 mM, 120 mM, 200 mM and 500 mM) of imidazole. **(B)** Western blot analysis of recombinant CiPrx3 proteins with anti-His-tag antibody. Lane M: protein molecular weight marker; lane 1: purified recombinant CiPrx3 protein.