

Supplementary data

The N-terminal soluble domains of *Bacillus subtilis* CopA exhibit a high affinity and capacity for Cu(I) ions

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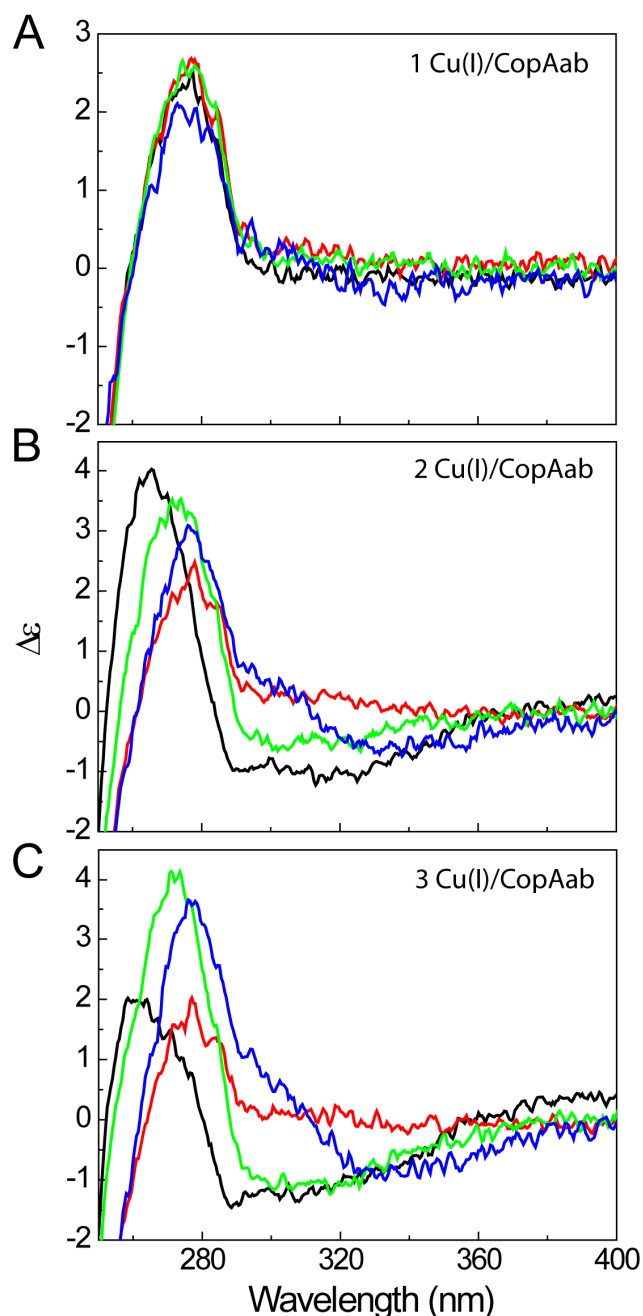


Figure S1. The effect of DTT, glutathione and cysteine on Cu(I)-binding to CopAab monitored by CD spectroscopy.

CD spectra of CopAab with (a) 1 Cu(I) (b) 2 Cu(I) and (c) 3 Cu(I) ions per protein molecule in the presence of no exogenous thiols (black) or a 20-fold excess of DTT (red), glutathione (green) or cysteine (blue). CopAab concentrations were 40 μ M for the no added exogenous thiol control and DTT experiments and 30 μ M for the glutathione and cysteine experiments. All samples were in 100 mM Mops, 100 mM NaCl, pH 7.5.