AhpC of the mycobacterial antioxidant defense system and its interaction with its reducing partner Thioredoxin-C

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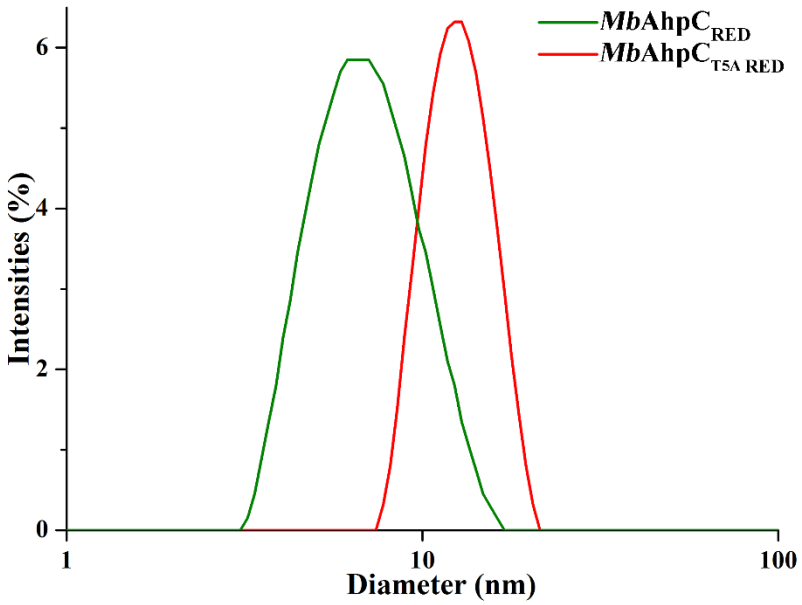
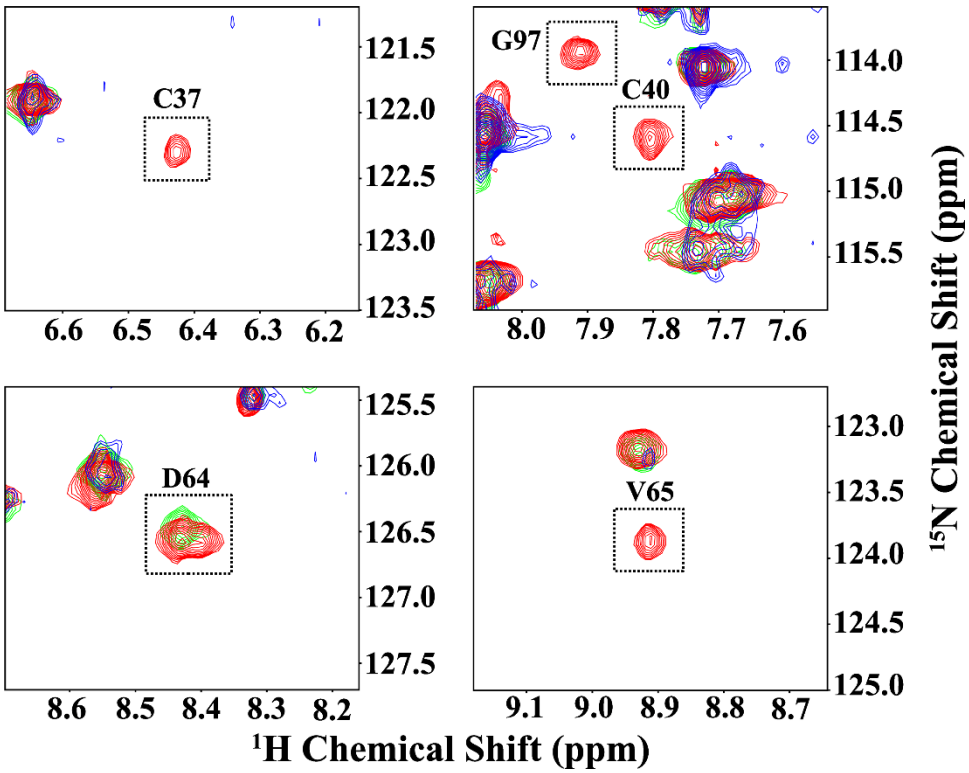
Supplementary Figure 1. DLS analysis of reduced *Mb*AhpC (*red*) and the reduced mutant *Mb*AhpC$_{T5A}$ (*green*) revealed a smaller oligomer in *Mb*AhpC$_{T5A}$ as compared to wt *Mb*AhpC. This further illustrates the importance in T5 in maintaining the dodecamer formation.

Supplementary Figure 2. Selected sections of the overlaid ^{1}H-^{15}N-HSQC spectra of free *Mb*TrxC (*red*), as well as *Mb*TrxC-*Mb*AhpC$_{T5A/D8A}$ (*blue*) and *Mb*TrxC-*Mb*AhpC$_{D22N/K25Q/D27N}$ (*green*) complexes at a molar ratio of 1 (*Mb*TrxC) : 2 (*Mb*AhpC mutants). The residues undergoing disappearance of resonance or chemical shift perturbation are marked as box and labelled.

(A)



Supplementary Figure 1



Supplementary Figure 2