Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.
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Supplementary for: Chemical chaperone induces inhomogeneous conformational changes of flexible proteins

Figure S1. Observed rate constants (inset) and number of cysteine labelled for each kinetic phases determined from the Stopped-flow experiments of cysteine labelling of TrmFO^{Y346F} by DTNB.

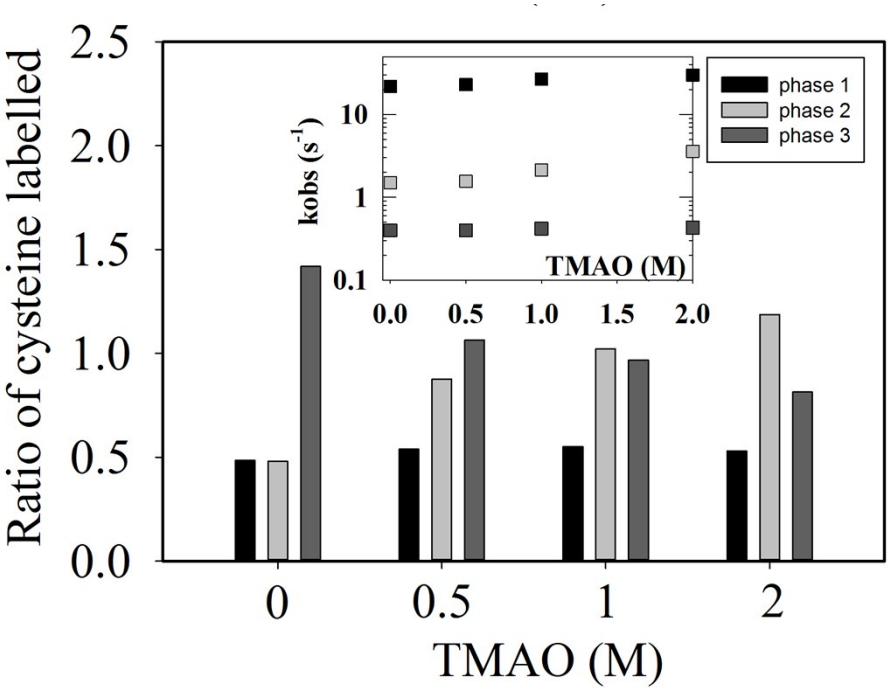
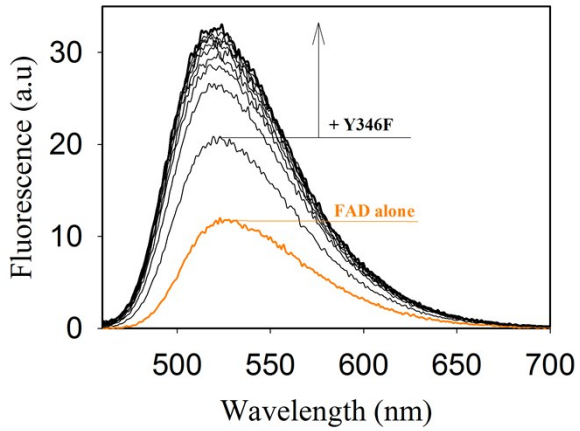
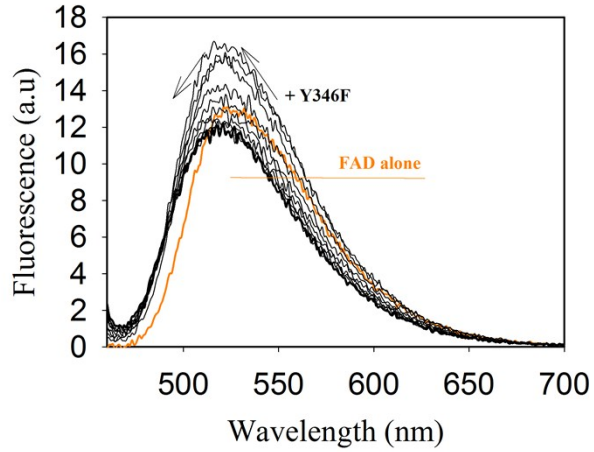


Figure S2. Fluorescence emission of FAD in presence of increasing concencentration of TrmFO^{Y346F} in the absence of TMAO (A) and in the presence of 1 (B) and 2 M (C) TMAO, respectively.

A.



B.



C.

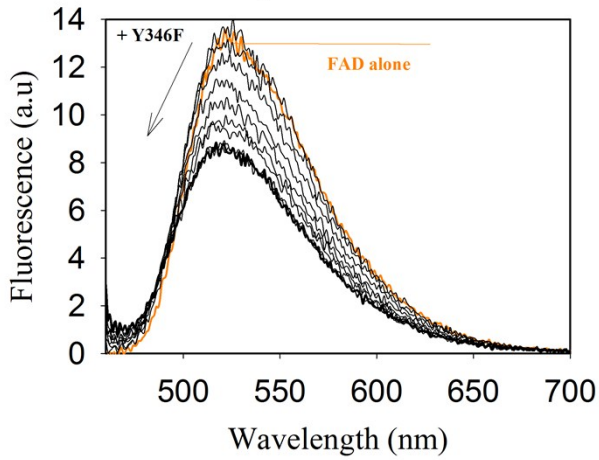


Figure S3. Lehrer's plots for the KI quenching experiments of the FAD in the reconstituted holoprotein of TrmFO^{Y346F} (FAD/apoprotein = 1µM / 10µM), in the absence and the presence of 2 M TMAO.

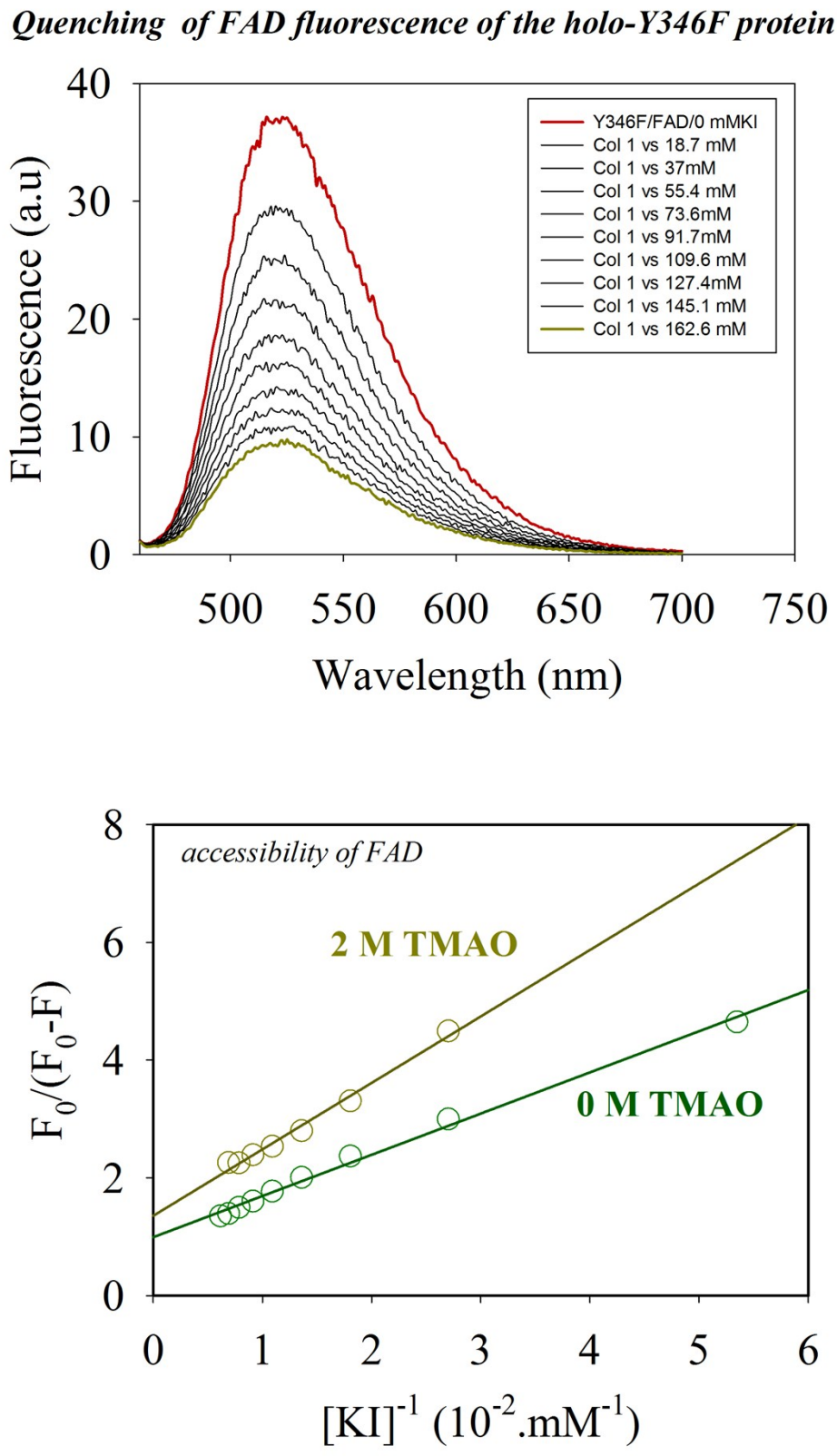


Figure S4. Effect of TMAO on the thermodynamic of FAD binding to TrmFO^{Y346F}