

**Supporting Information**

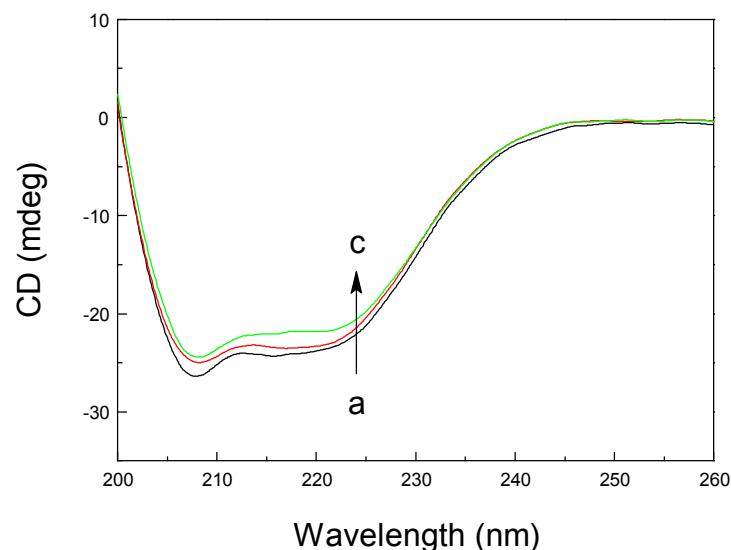


Fig. S1. Far-UV CD spectra of albumin complexes with flavazin ( $\text{pH}=7.4$ ,  $T=298$  K). (a)  $10 \mu\text{M}$  albumin; (b)  $10 \mu\text{M}$  albumin +  $10 \mu\text{M}$  flavazin; (c)  $10 \mu\text{M}$  albumin +  $20 \mu\text{M}$  flavazin.

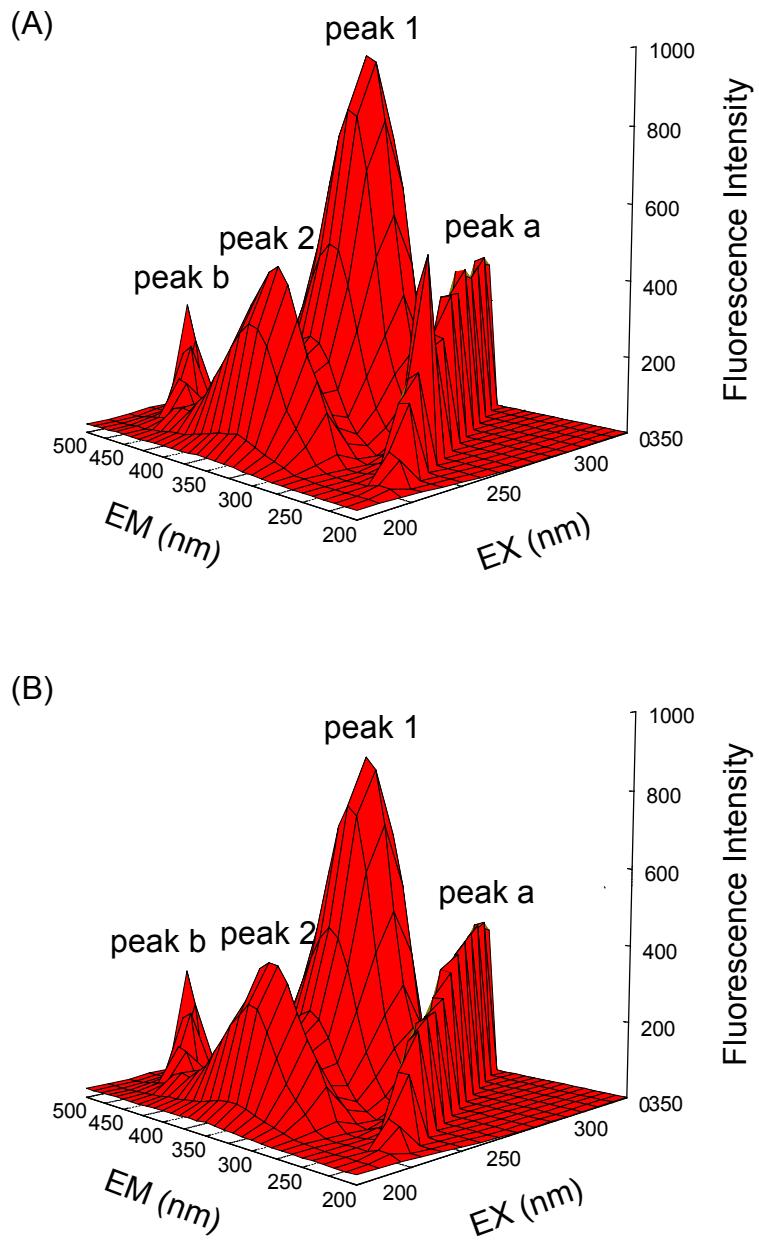


Fig. S2. Three-dimensional fluorescence of albumin (A) and the albumin-flavazin (B) system. (A)  $c(\text{albumin})=1.0 \mu\text{M}$ ,  $c(\text{flavazin})=0$ ; (B)  $c(\text{albumin})=1.0 \mu\text{M}$ ,  $c(\text{flavazin})=1.0 \mu\text{M}$ ;  $\text{pH}=7.4$ ,  $T=298 \text{ K}$ .

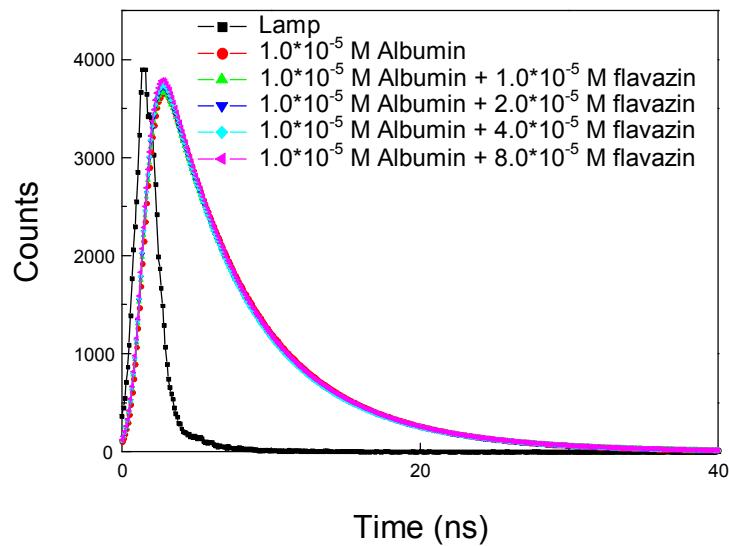


Fig. S3. Time-resolved fluorescence decays of albumin in Tris-HCl buffer ( $\text{pH}=7.4$ )

as a function of flavazin concentrations.  $c(\text{albumin})=10 \mu\text{M}$ ,  $c(\text{flavazin})=0$  (red), 10 (green), 20 (blue), 40 (cyan) and 80 (magenta)  $\mu\text{M}$ . The sharp pattern on the left (black) is the lamp profile.