

Supporting information

Phosphorylation promotes the endonuclease-like activity of human centrin 2

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Fig.S1 Tb³⁺-sensitized fluorescence spectra of HsCen2p with increasing concentration of Tb³⁺ in 10 mM Hepes at pH 7.4.

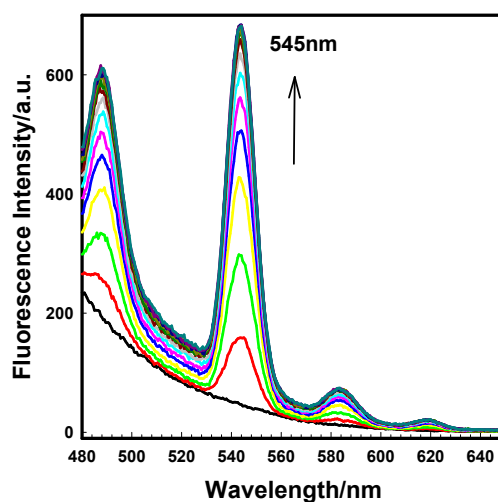


Fig.S2 (A) Resonance light scattering (RLS) spectra of HsCen2p with increasing Tb^{3+} in 10 mM Hepes at pH 7.4. (B) The best fits of $\log[F_i - F_0]/[F_\infty - F_i]$ with $\log[Tb^{3+}]_f$ for HsCen2 (a) and HsCen2p (b), respectively.

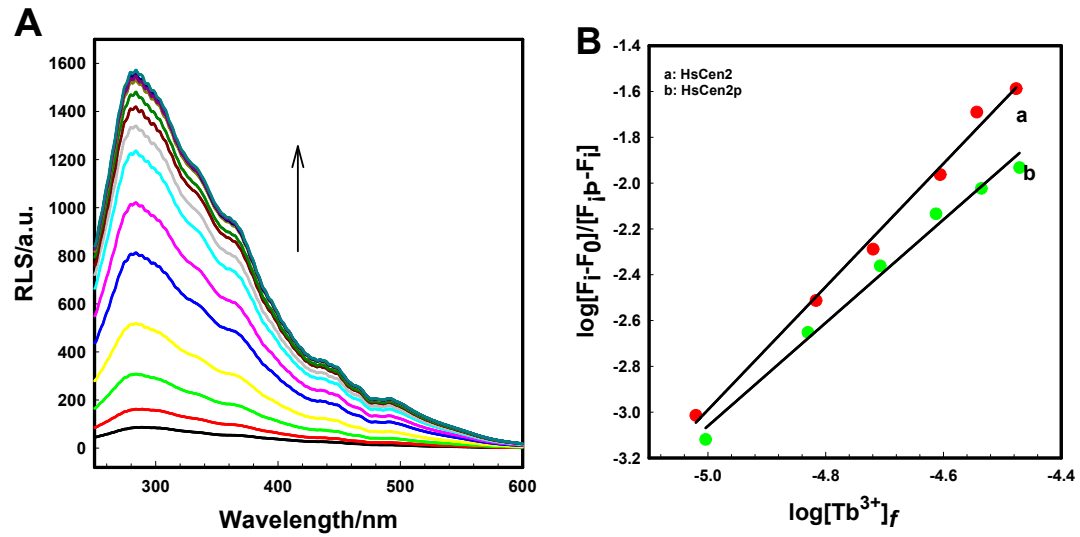


Fig.S3 Fluorescence spectra of Tb₂-HsCen2 (A) or Tb₂-HsCen2p (B) with increasing concentration of Tb³⁺ in 10 mM Hepes at pH 7.4. Inset, the titrating curves of Tb₂-HsCen2 or Tb₂-HsCen2p at 306 nm against [DNA]/[protein].

