



Copper Affects Binding to Tropomyosin of Peptides Derived from Histidine-Proline-Rich Glycoprotein

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Table S1. Protonation constants ($\log \beta$) TetraHPRG (L) (T = 298 K)^a.

Species	$\log \beta$	pK
LH	7.49 (5)	7.49
LH ₂	14.65 (4)	7.16
LH ₃	21.29 (9)	6.91
LH ₄	28.20 (2)	6.63
LH ₆	40.88 (2)	(6.34 x 2)
LH ₈	52.52 (3)	(5.83 x 2)
LH ₉	57.96 (6)	5.44
LH ₁₀	63.24 (6)	5.28
LH ₁₁	68.59 (3)	5.35
LH ₁₂	73.15 (2)	4.55

^a Standard deviation (3σ values) are given in parenthesis. The charges are omitted for clarity [27].

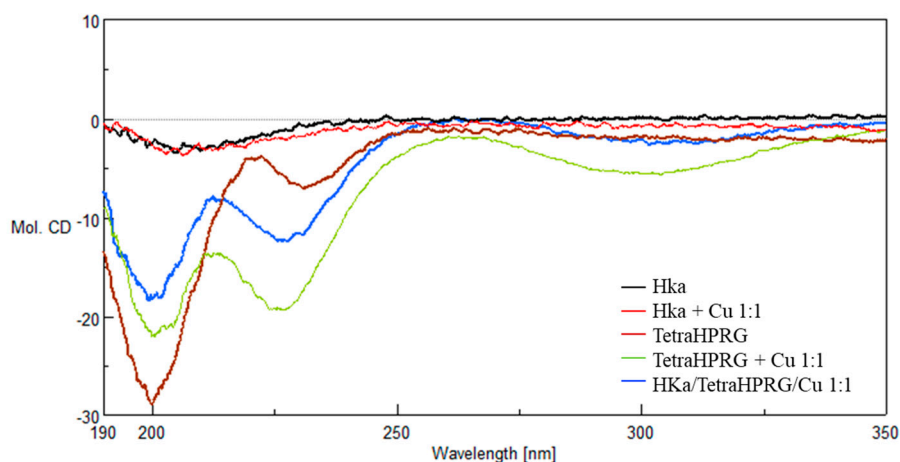


Figure S1. CD spectra of a) copper(II) complexes with Hka, TetraHPRG and ternary systems (Hka/TetraHPRG/Cu²⁺ in water (pH=7), at different mol equivalent of metal (metal to ligand molar ratio is 1:1; [L]=1×10⁻⁵ M).

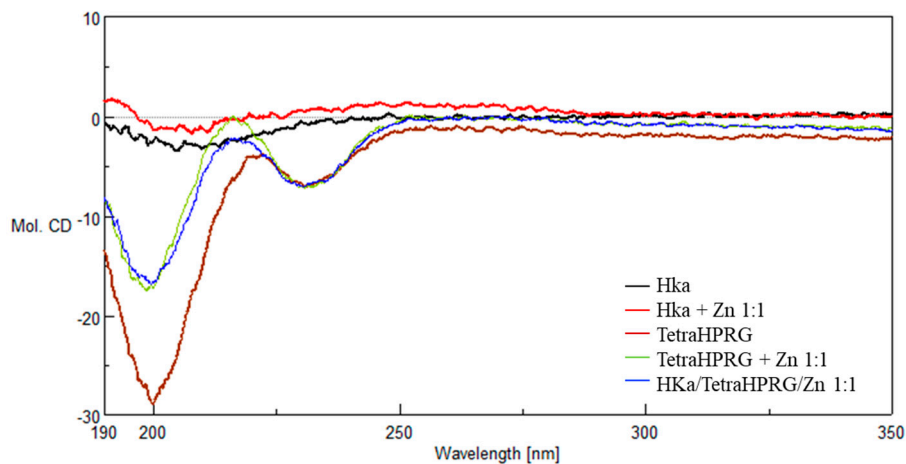


Figure S2. CD spectra of a) copper (II) complexes with Hka, TetraHPRG and ternary systems (Hka/TetraHPRG/Cu (II)) in water (pH=7), at different mol equivalent of metal (metal to ligand molar ratio is 1:1; $[L]=1 \times 10^{-5}$ M).

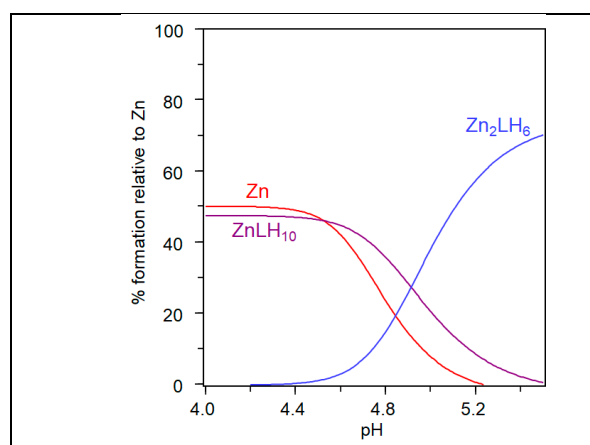


Figure S3. Species distribution diagram for the Zn^{2+} complexes with TetraHPRG with M/L molar ratio from 1:1 to 2:1. $[Zn^{2+}] = 1 \times 10^{-3}$ M.