Parameters obtained from Cyclic voltammetry at different scan rates for Au bare and cysteine modified electrodes with hsCRIP2 protein.

Protein	E° (mV vs Ag/AgCl)	ΔE_p (mV)	k_s (s^{-1})	α	Γ ($mol^{*}cm^{-2}$)
[a]Au-Cys/CRIP2-Cu	151	295	1.02	0.53	$1.07x10^{-10}$
[a]Au/CRIP2-Cu	n.c	n.c	n.c	n.c	n.c.
[b]Au/Cu-SOD	n.c	n.c	n.c	n.c	n.c.
[b]Au-Cys/Cu-SOD1	88	213	1.05	0.54	$4.28x10^{-11}$

n.c. *not calculated*, due the absence of either the oxidation or reduction signal.
[a] hsCRIP2 cyclic voltammetry parameters.
[b] For comparison: Published values obtained for SOD1 by Jimenez-Gonzalez *et al*., 2023

Reference

M.L. Jimenez-Gonzalez JJG-G, R. Antano-Lopez , L. Ortiz-Frade. Thermodynamic study of superoxide dismutase adsorption processes over cysteine-gold electrode. Electrochimica Acta. 2023;440(141677). doi: 10.1016/j.electacta.2022.141677.