Electronic Supplementary Information

Defective TiO$_2$-supported Cu nanoparticles as efficient and stable electrocatalysts for oxygen reduction in alkaline media

Ke Liu, Yang Song, and Shaowei Chen$^*$

Department of Chemistry and Biochemistry, University of California, 1156 High Street, Santa Cruz, California 95064, USA. * E-mail: shaowei@ucsc.edu

**Figure S1.** FTIR spectra of CuHC10/TiO$_2$ nanoparticle (black curve) and monomeric 1-decyne ligands (red curve).
Figure S2. Koutecky-Levich plots of (A) TiO$_2$, (B) Cu/TiO$_2$ and (C) CuHCl$_2$/TiO$_2$ nanoparticles in an oxygen-saturated 0.1 M NaOH solution. Symbols were experimental data calculated from the RRDE voltammograms at 1600 rpm in Figure 5.