

Supporting Information

Visible-light-induced Activity Control of Peroxidase Bound to Fe-doped Titanate
Nanosheets with Nanometric Lateral Dimensions

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irradiation.

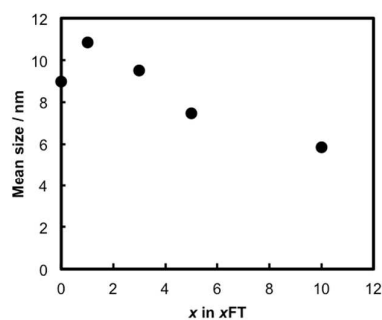


Figure 1S: Variation in mean size of xFT as a function of x . The x indicates molar concentration of Fe against a total metal amount (Fe + Ti) in Fe-doped titanate nanosheet.

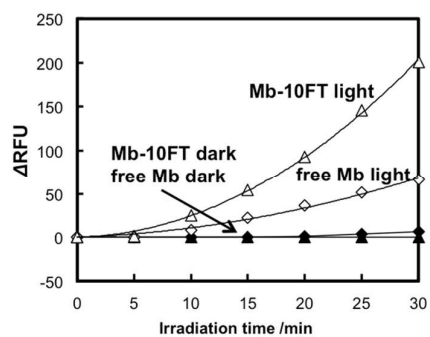


Figure 2S: Photoenzymatic oxidation of 25 μM AUR using free Mb and Mb-10FT ($w_{\text{Mb}} = 0.045 \text{ mg/mL}$, $[\text{total metal}] = 0.38 \text{ mM}$) under irradiation of blue light ($\lambda = 430 \text{ nm}$). The solid lines mean the results of non-linear regression for eq. 1 in the manuscript.