

Supplementary Information

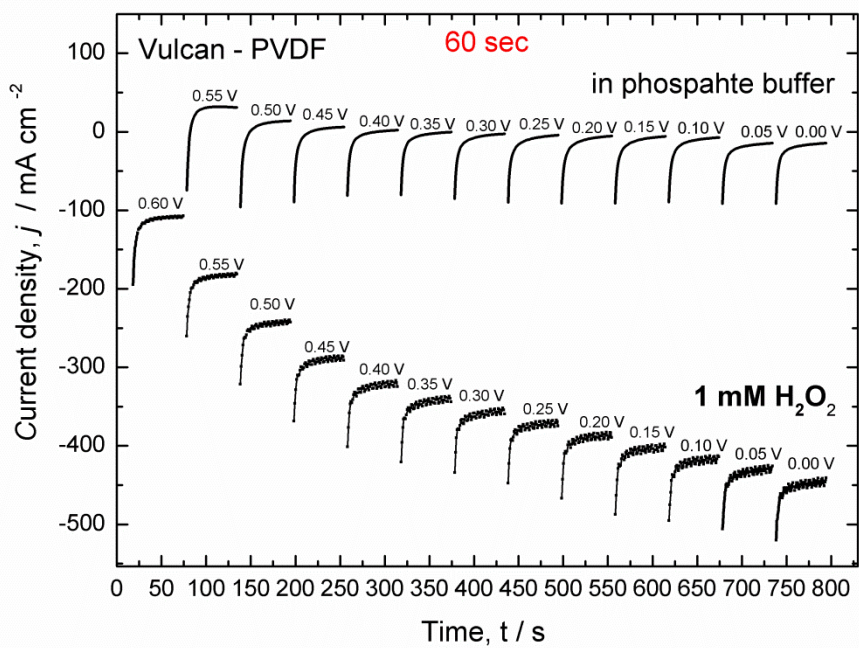
Combined Electrochemical and Microscopic Study of Porous Enzymatic Electrodes with Direct Electron Transfer Mechanism

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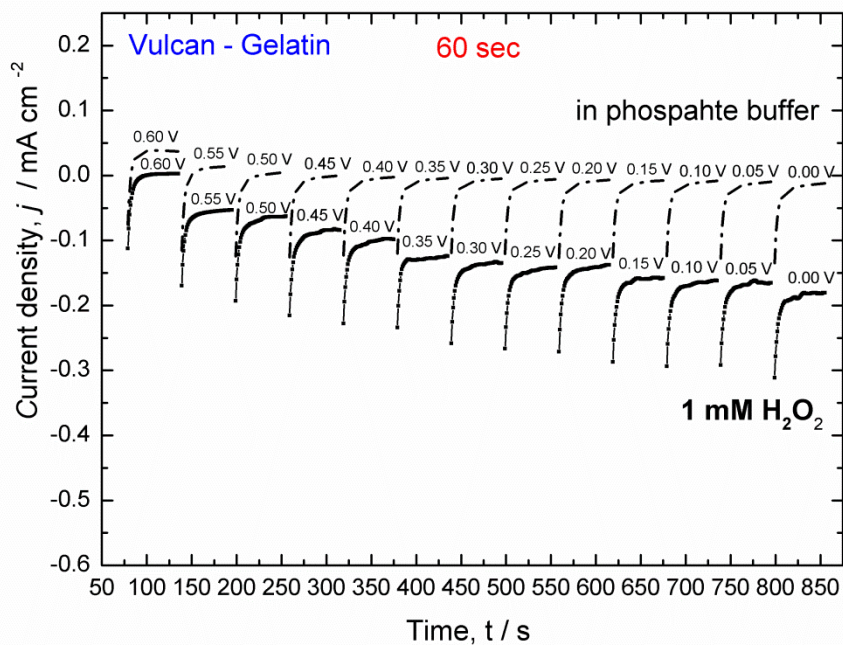
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a)



b)

Fig. S1 Chronoamperometric responses of a) Vulcan –PVDF and b) Vulcan-Gelatin electrodes, Conditions: pH 6, 400 rpm

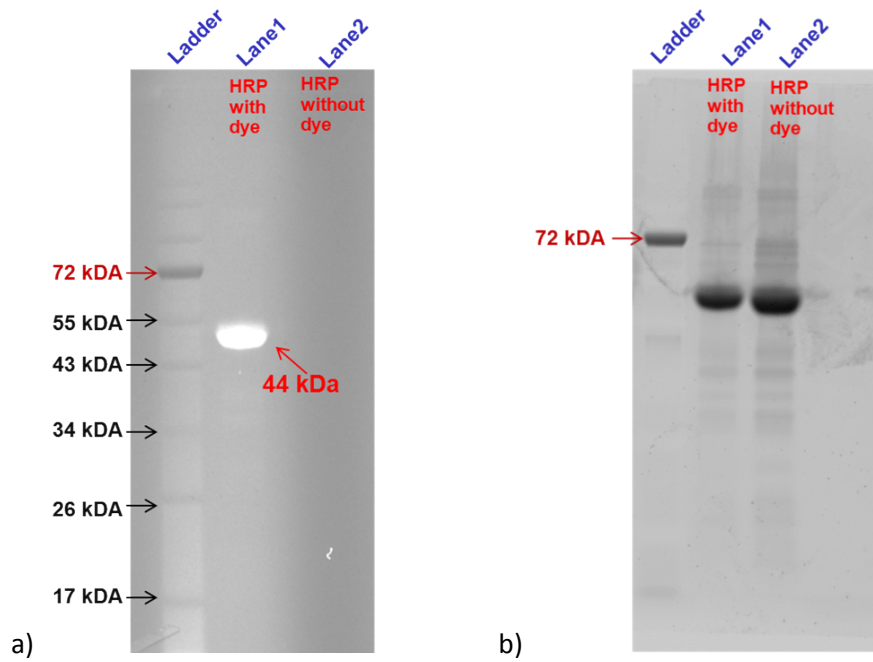


Fig. S2 Electrophoresis measurements: a) gel observed under UV lamp after separation before standard staining procedure and b) gel with all separated proteins after staining procedure

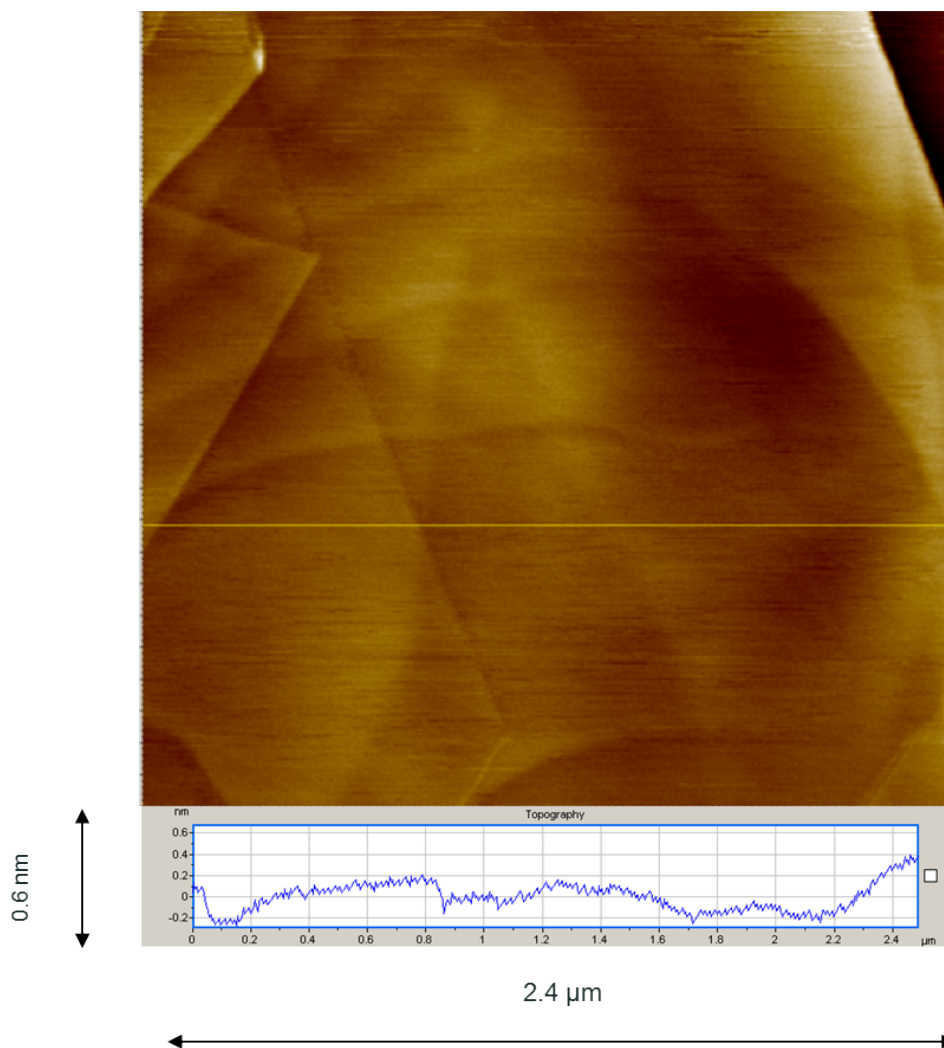


Fig. S3 AFM image of HOPG surface before modification with HRP

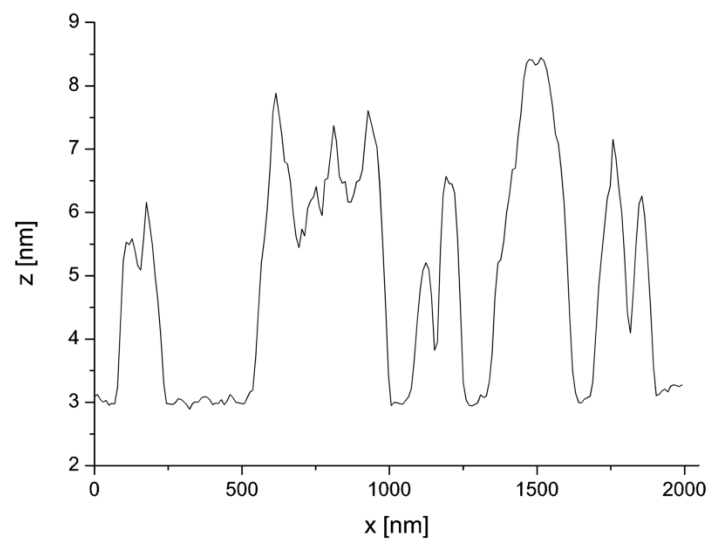
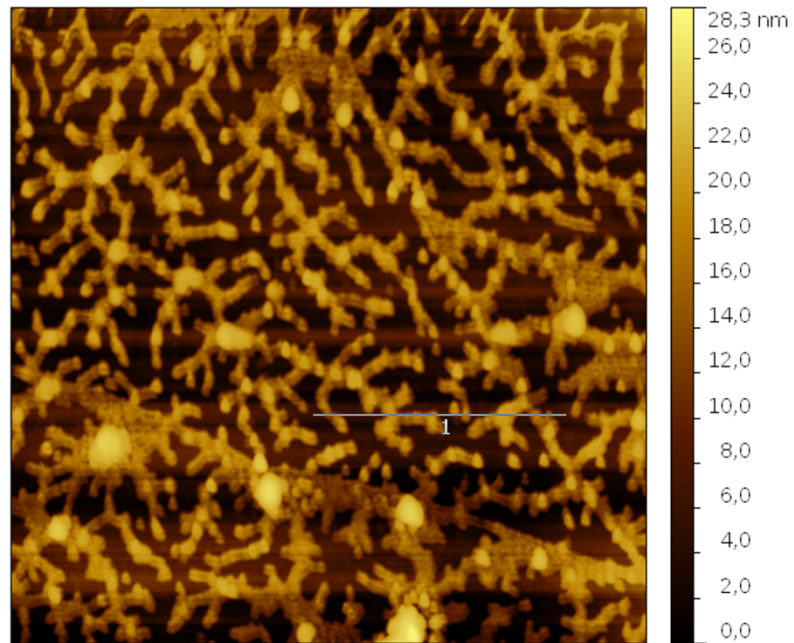


Fig. S4 AFM image of HRP adsorbed on HOPG in a monolayer at pH 7.2