Supporting Information

A General Strategy for Directly Synthesizing High-Coercivity L1₀-FePt Nanoparticles

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Figure S1 to S7



Figure S1. The XRD curves of the FePt NPs synthesized at 350 °C for different reaction times.



Figure S2. Typical TEM images of the FePt NPs synthesized at 350 °C for (A) 1 h, (B) 3 h,(C) 6 h, (D) 8 h.



Figure S3. Typical TEM images of the FePt NPs synthesized at (A) 290 °C, (B) 310 °C, (C) 330 °C.



Figure S4. The XRD curves of the as-synthesized FePt NPs synthesized at temperature of 290°C, 310 °C and 330 °C.



Figure S4. The hysteresis loops of the as-synthesized FePt NPs synthesized at different temperature.



Figure S6. The typical TEM images of the FePt NPs synthesized with the same reaction condition except changing K_2PtCl_6 with $Pt(acac)_2$.



Figure S7. The hysteresis loops (A) and the hysteresis loops (B) of the FePt NPs synthesized with the same reaction condition except changing K_2PtCl_6 with $Pt(acac)_2$.