

Supplementary Information

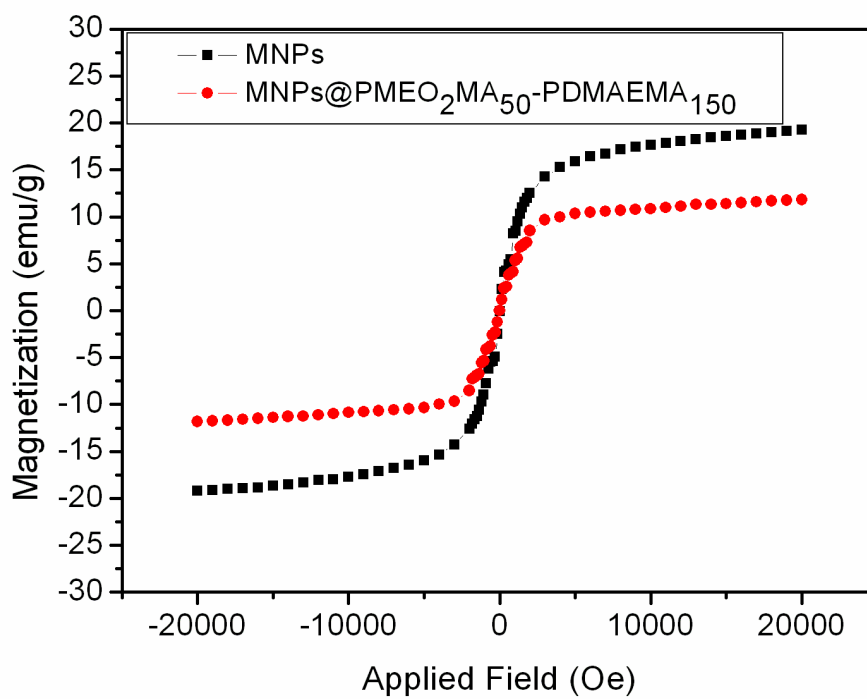


Fig. S1. Magnetic hysteresis loops of MNPs and MNPs@PMEO₂MA₅₀-PDMAEMA₁₅₀ in an applied field from 20000 Oe to -20000 Oe at 300 K.

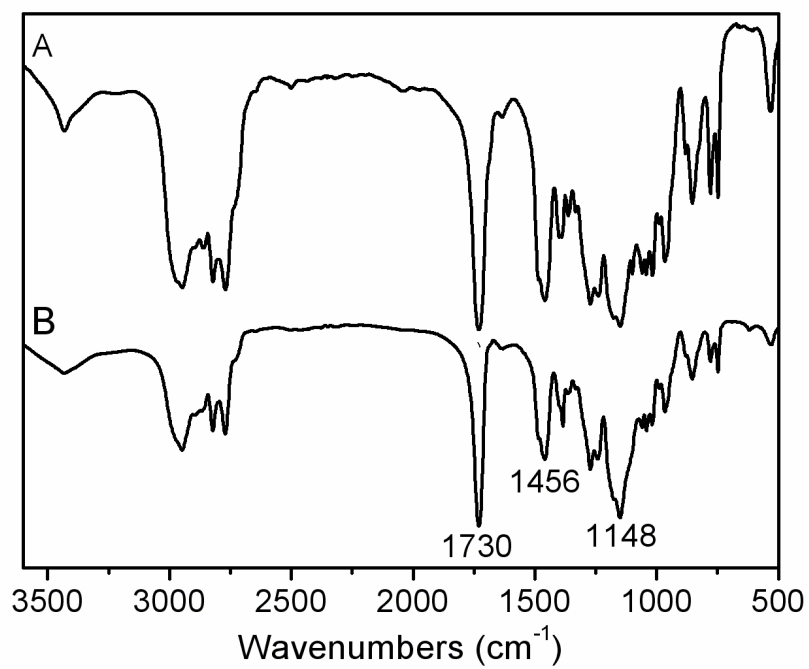


Fig. S2. FTIR spectra of MNP@PDMAEMA₁₅₀ (A) and MNP@PMEOMA₅₀-PDMAEMA₁₅₀ (B). All samples were pressed into KBr pellets.

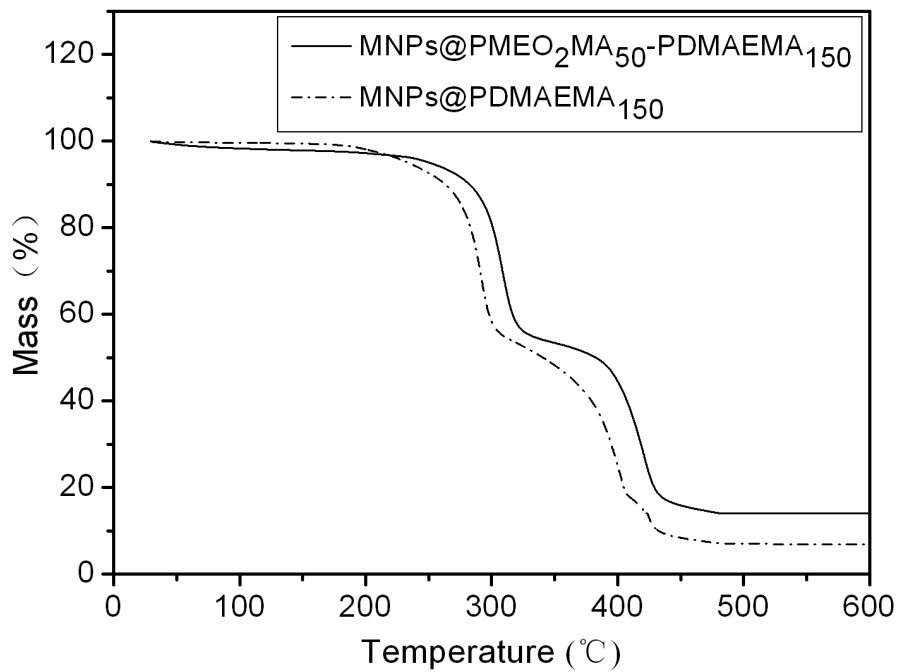


Fig. S3. Thermogravimetric (TG) curves of the samples. The analysis was performed under N₂ atmosphere.

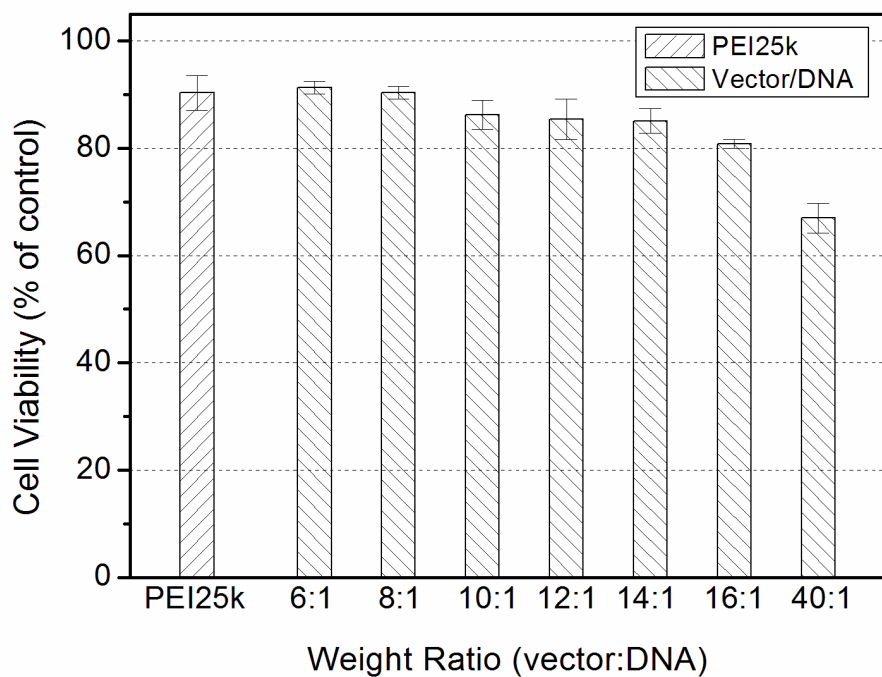


Fig. S4. Cytotoxicity testing results of complexes from a MTT assay. The values represent percentage cell viability. (means \pm SD, n = 3).