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**Composite Silica Nanospheres Covalently Anchored with Gold
Nanoparticles at the Outer Periphery of Thermoresponsive Polymer
Brushes**

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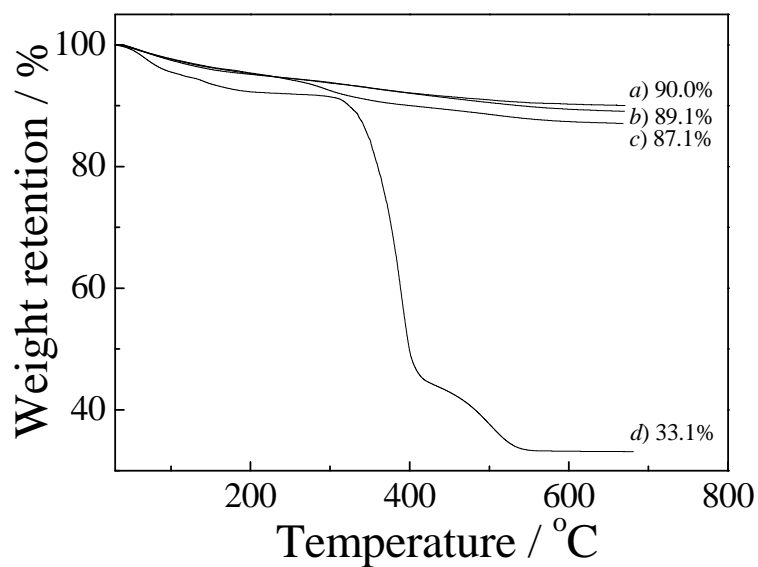


Figure S1. Thermogravimetric analysis (TGA) of (a) bare silica nanoparticles, (b) amine-functionalized silica nanoparticles, (c) 2-bromoisobutyrate-functionalized silica nanoparticles, and (d) hybrid silica nanoparticles coated with PNIPAM brushes. TGA analysis was performed in air at a heating rate of 10 °C/min.

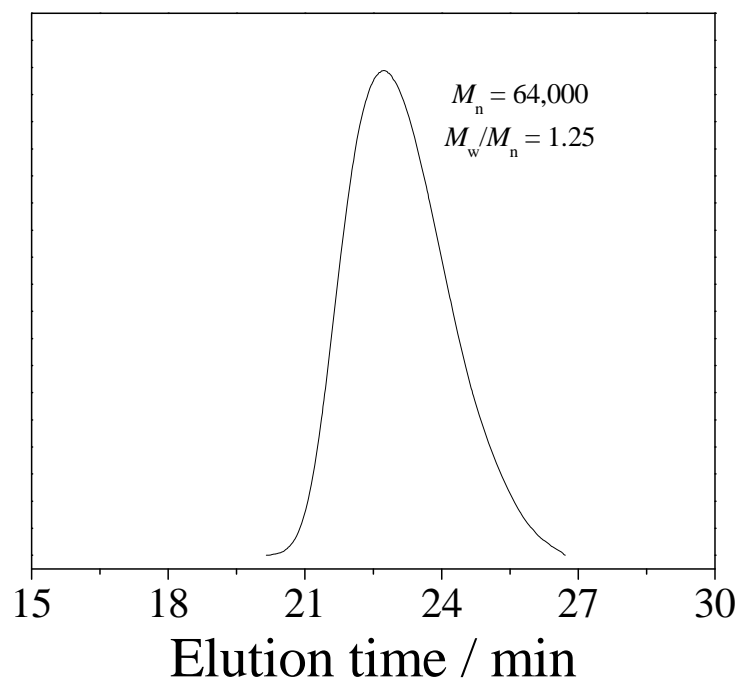


Figure S2. GPC trace of PNIPAM brushes cleaved from hybrid silica nanoparticles via etching with hydrofluoric acid.