Supplementary information

of

Solution Behaviors and Microstructures of PNIPAm-P123-PNIPAm

Pentablock Terpolymers in Dilute and Concentrated Aqueous Solutions

Yanping Lu,1 Tongquan Chen,1 Aixiong Mei,1 Tianyou Chen,1 Yanwei Ding,2 Xinghong Zhang,1 Junting Xu,1 Zhiqiang Fan,1 Binyang Du1*

1MOE Key Laboratory of Macromolecular Synthesis and Functionalization, Department of Polymer Science & Engineering, Zhejiang University, Hangzhou 310027, China
2Hefei National Laboratory for Physical Sciences at Microscale, University of Science and Technology of China, Hefei, Anhui, China, 230026.

Figure S1. GPC traces of PNIPAm10-P123-PNIPAm10, PNIPAm63-P123-PNIPAm63, and PNIPAm97-P123-PNIPAm97 pentablock terpolymers with THF as eluent and monodisperse polystyrene as the calibration standard.

* Corresponding author. E-mail: duby@zju.edu.cn
Figure S2. GPC traces of PNIPAm_{10}-P123-PNIPAm_{10}, PNIPAm_{63}-P123-PNIPAm_{63}, and PNIPAm_{97}-P123-PNIPAm_{97} pentablock terpolymers with DMF and 0.05 M LiBr as eluent and monodisperse poly(methyl methacrylate) as the calibration standard.

Figure S3. Representative $^1$H-NMR spectrum of PNIPAm_{10}-P123-PNIPAm_{10} pentablock terpolymer.