

Supplementary Information

Significance of secondary structure in nanostructure formation and thermosensitivity of polypeptide block copolymer

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Fig. S1. Gel permeation chromatograms of the mPEG-*L*-PA and mPEG-*DL*-PA.

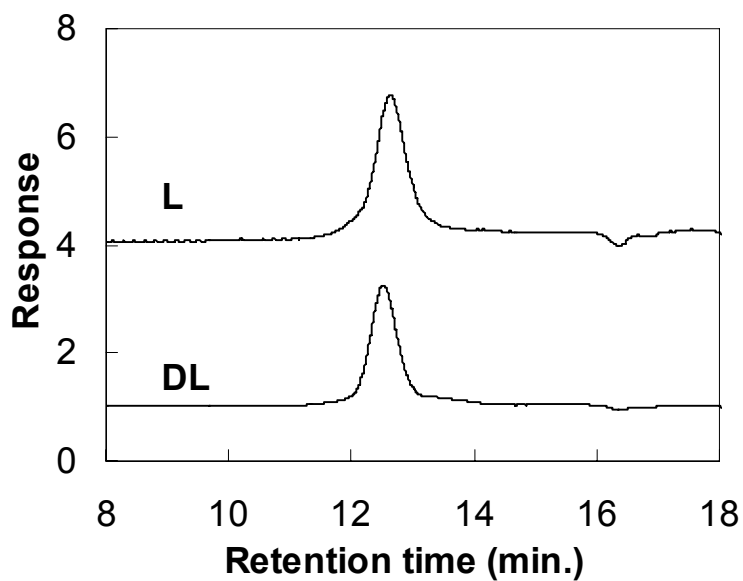


Fig. S2. CD spectra of mPEG-*DL*-PA as a function of polymer concentration in water at room temperature. CD spectra enlarged at low concentrations were inserted.

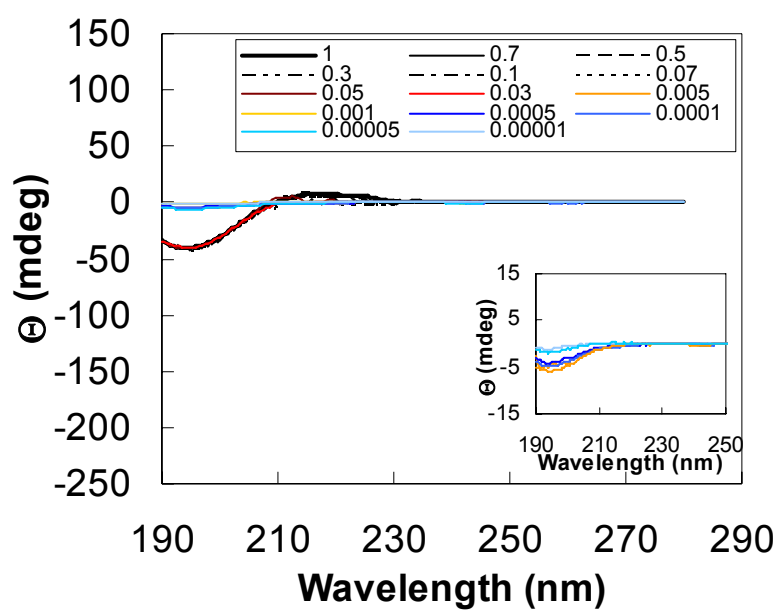


Fig S3. The FTIR spectra at 0.1 wt. % mPEG-*L*-PA in D₂O were subtracted from 0.3, 0.5 and 0.7 wt. % to see the spectral change as a function of polymer concentration.

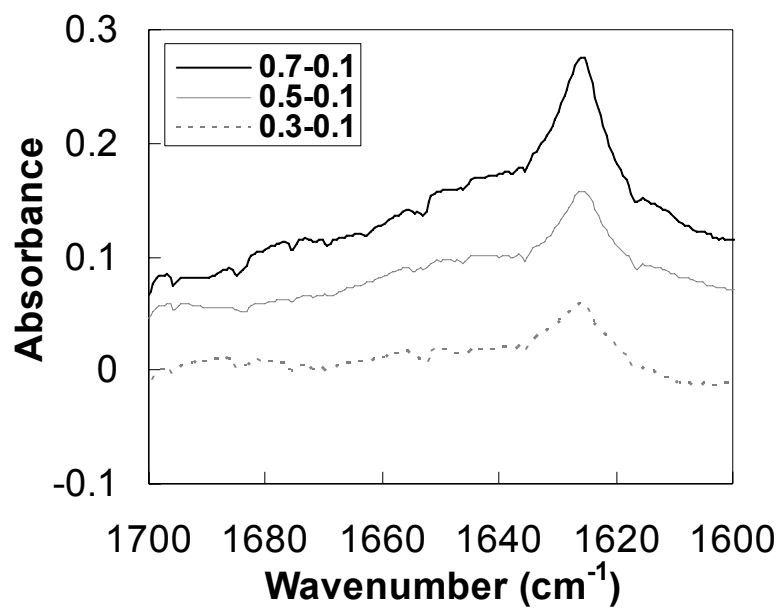


Fig. S4. Comparison of ^1H -NMR spectra of mPEG-*L*-PA (L) and mPEG-*DL*-PA (DL) in D_2O and CF_3COOD . The polymer concentration was about 8.0 wt. % in each solvent.

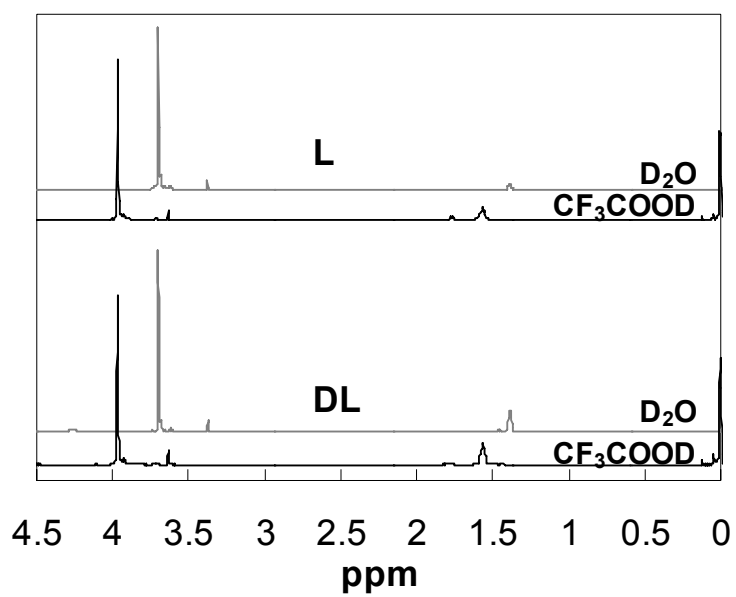


Fig. S5. Circular dichroism spectra of mPEG-*L*-PA (L) and mPEG-*DL*-PA (DL) as a function of temperature (0.04 wt. % in water).

