Supporting Information

Figure S1. $^1$H-NMR spectra of the RGDS-ELP (a) and RGDS-deg-ELP (b) in $d_6$-DMSO (TMS) at 20 °C.

Figure S2. Water contact angles of the (a) RGDS-ELP-covered PSt-dish and (b) RGDS-deg-ELP-covered PSt-dish.
Figure S3. The live/dead cell assay of NIH/3T3 cells (1.0 × 10⁴ cells cm⁻²) cultured for 24 h on RGDS-deg-ELP-covered PSt-dish (a), RGDS-ELP-covered PSt-dish (b), bare PSt-dish (c) and tissue culture dish (Biocoat™ Fibronectin Cellware) (d). Left pictures: phase-contrast images, right pictures: merged fluorescence images. Calcein stain (green) identifies live cell, while EthD stain (red) identifies dead cells. Scale bar: 200 μm.
Figure S4. Phase-contrast and fluorescence images of the cell-sheet prepared on RGDS-ELP-covered PSt-dish. Calcein stain in fluorescence image (bottom) identifies live cell. Scale bar: 50 μm.