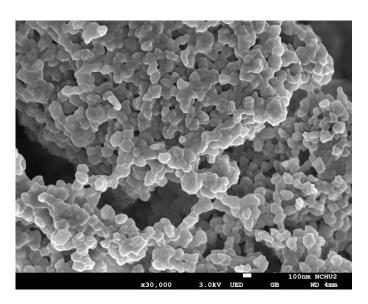
Development of Pectin-Type B Gelatin Polyelectrolyte Complex for Curcumin Delivery in Anticancer Therapy

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Supporting information-1

Figure SI-1. Scanning electron microscopic images (SEM images) of P4G6 (a) and P6G4 (b) polyelectrolyte complexes (PECs). (a)



(b)

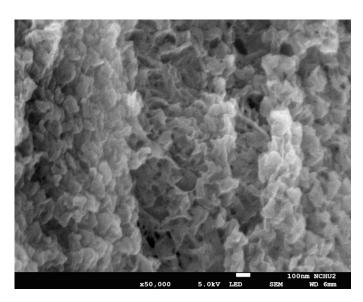


Figure SI-1. SEM images of P4G6 (a) and P6G4 (b) PECs. The PEC solutions were prepared and freeze-dried. The freeze-dried powder were suppter coated with platinum and the morphology of P4G6 (a) and P6G4 (b) PECs were analyzed using a scanning electron microscopy (SEM).

Supporting information-2

Figure SI-2. Cell viability of bare PECs toward human fibroblast cells Detroit 551.

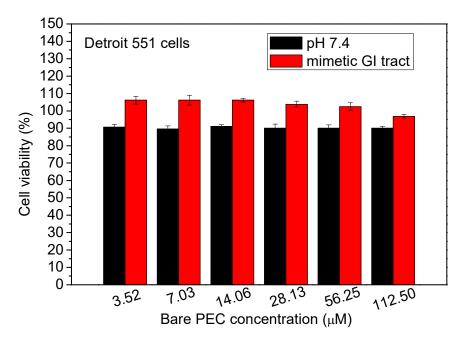


Figure SI-2. Cell viability of bare PECs toward human normal fibroblast cells Detroit 551. Human normal fibroblast cells Detroit 551 cells were seeded on a 96-well plate and cultured for overnight. Bare PECs were incubated at pH 2.0 for 2 h and transferred into pH 8.0 conditions for 4 h to mimetic GI tract. Afterwards, the bare PECs were treated with cells for 12 h, simultaneously the bare PECs without acid or alkaline treatment were also incubated with Detroit cells at pH 7.4. The cell viability was evaluated using MTT assay.