

Supporting Information

A genipin-crosslinked protein-polymer hybrid system for the
intracellular delivery of ribonuclease A

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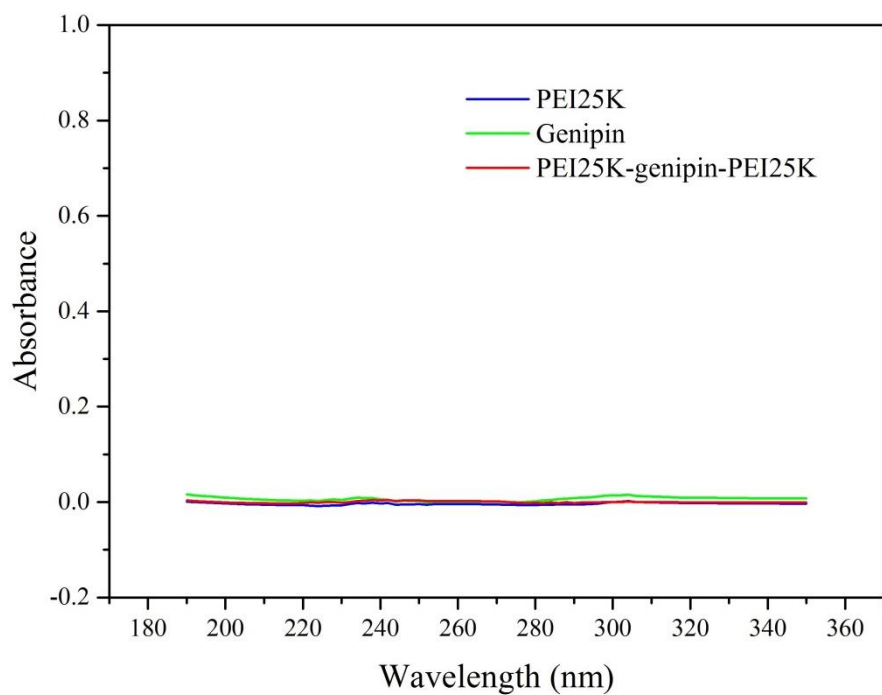


Figure S1. UV-Vis spectra of PEI25K, genipin and the product from genipin-mediated crosslinking of PEI25K.

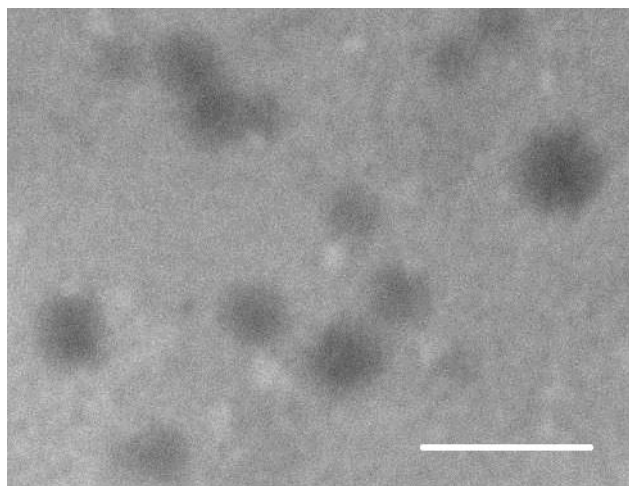


Figure S2. TEM image of RGP nanoparticles. The scale bar is 500 nm.

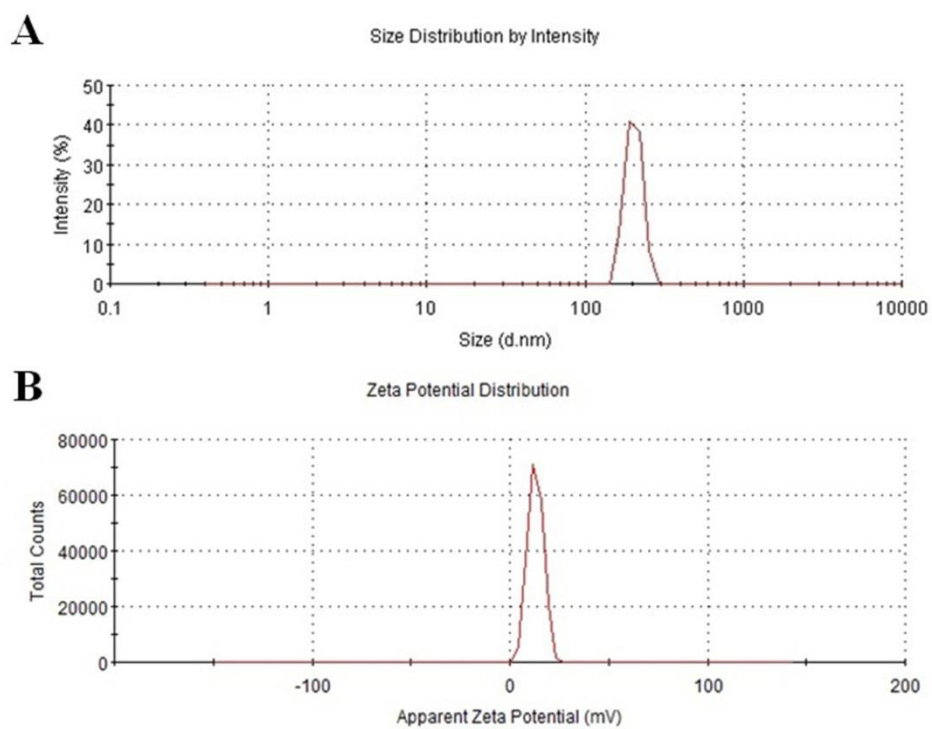


Figure S3. Hydrodynamic diameter (A) and zeta potential (B) curves of RGP nanoparticles.

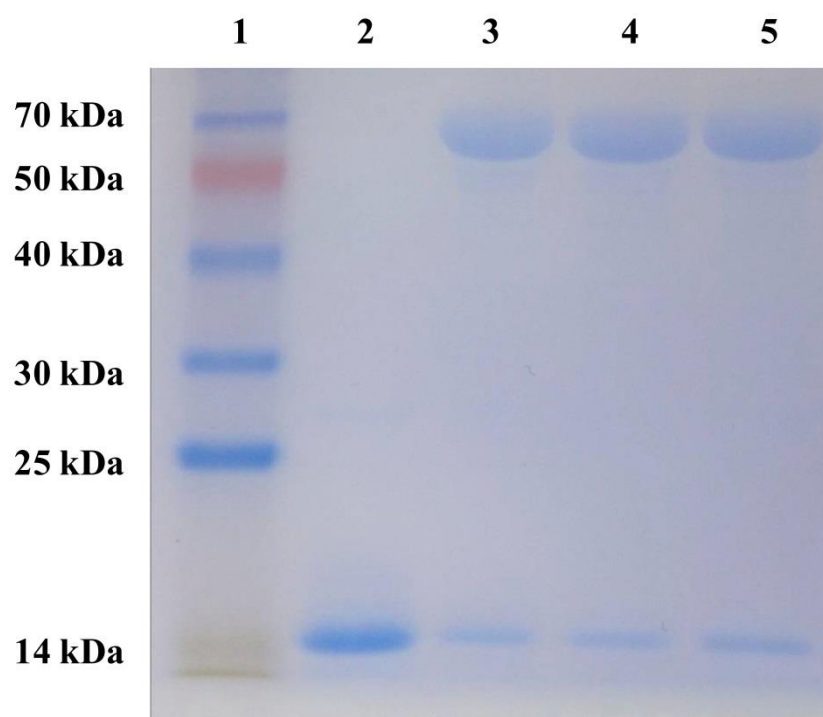


Figure S4. SDS-PAGE analysis of RGP nanoparticles of different batches. Lane 1: marker; lane 2: free RNase A; and lane 3-5: RGP nanoparticles of different batches.

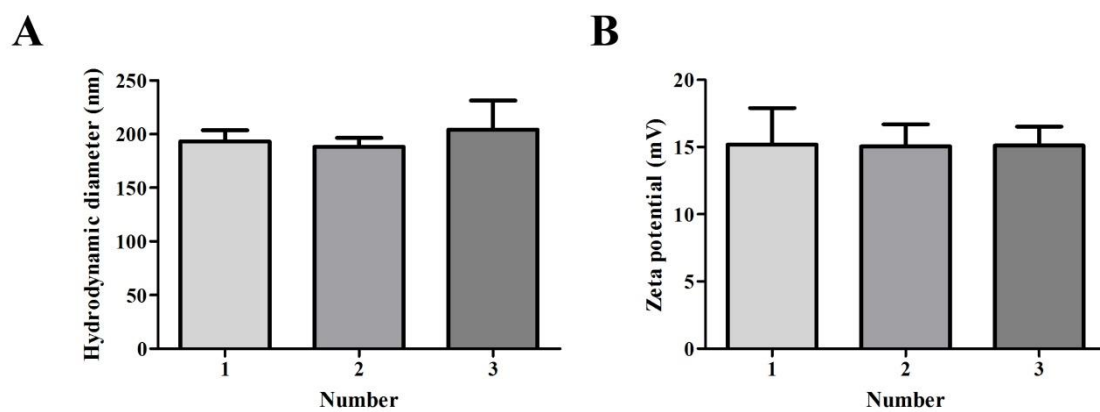


Figure S5. Hydrodynamic diameter (A) and zeta potential (B) of RGP nanoparticles of different batches.

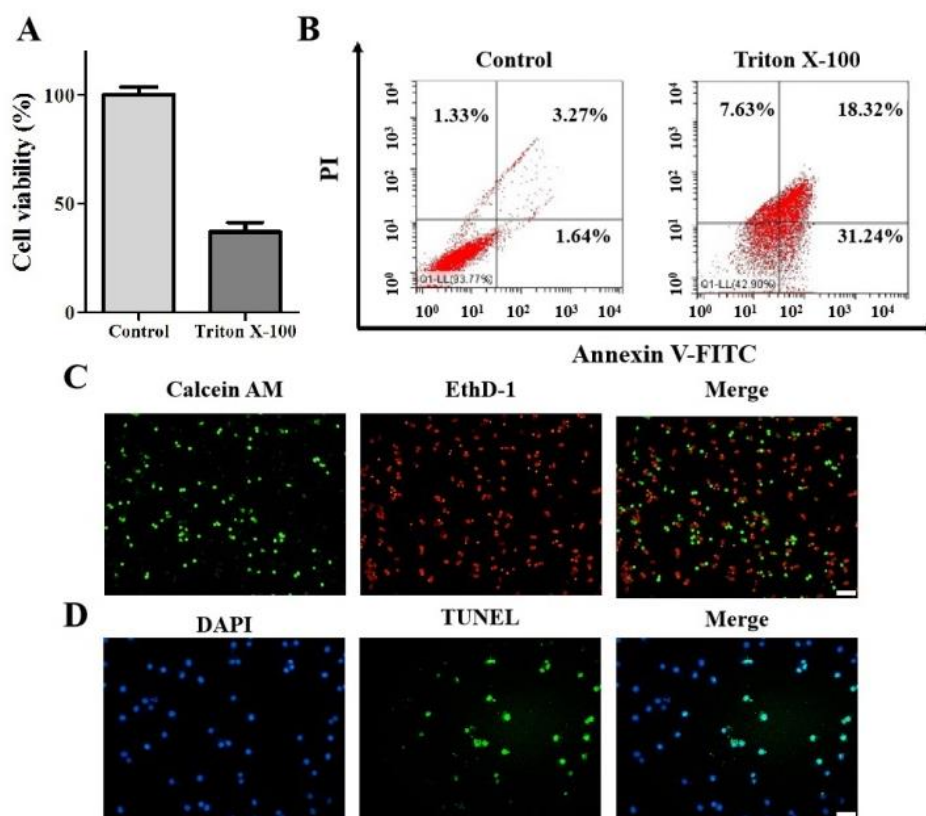


Figure S6. MTT assay (A), cell apoptosis (B), Live/Dead staining (C) and TUNEL staining (D) of HeLa cells after the treatment with 0.1% Triton X-100. The scale bar is 100 nm.