

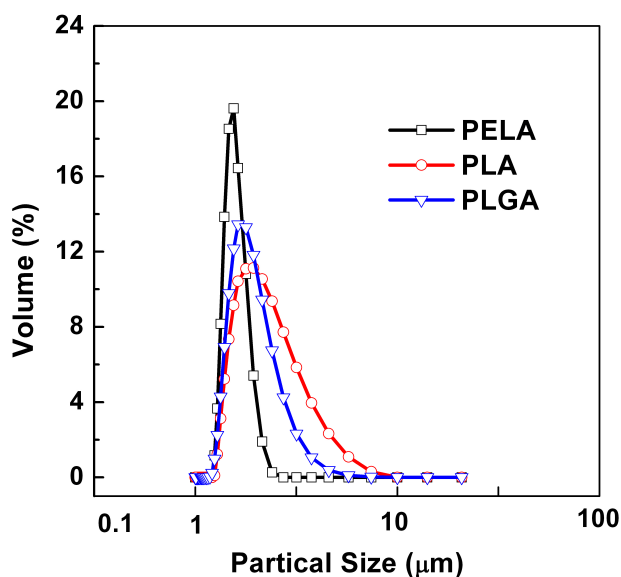


Fig. S1 Particle size distribution of PELA, PLA, and PLGA microspheres.

Table S1 Calculated Data for α -Helix, β -Sheet, and β -Turn Components for Standard and released rhGH samples at different time.

Secondary structure content (%)	α -Helix	β -Sheet	β -Turn	Random coils
Native rhGH	44.3	27.1	0	28.6
7 days	45.7	25.5	0	27.9
14 days	41.7	26.9	3.5	27.9
21days	35.5	38.2	0.2	26.1

Table S2 Ratio of fluorescent intensity I_{640}/I_{580} of different microspheres during incubation

I_{640}/I_{580}	PELA	PLA	PLGA
7 days	1.642	0.814	0.734
14 days	1.330	0.659	0.586
21 days	1.138	0.514	0.452