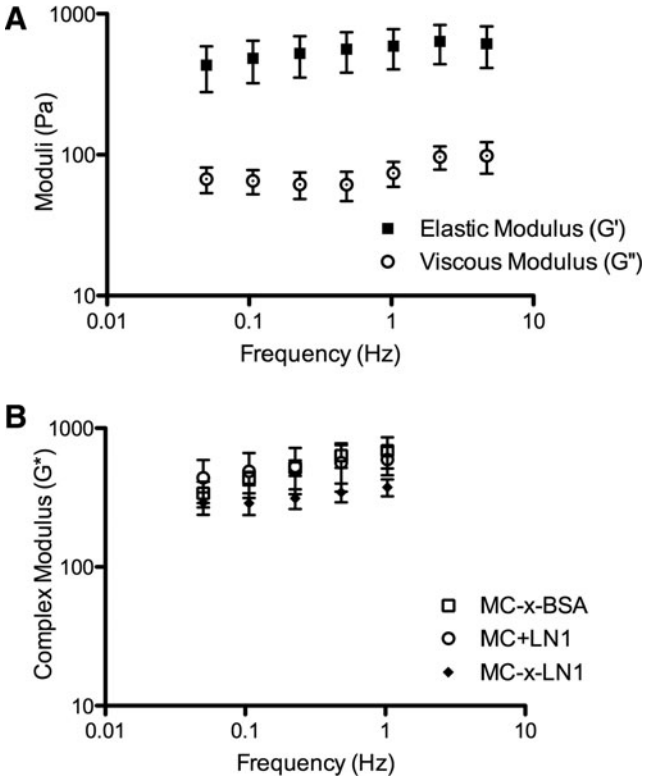
Supplementary Material



SUPPLEMENTARY FIG. S1. Rheological analyses were performed on a Bohlin CVO rheometer (Bohlin) with a parallel plate configuration. To examine the mechanical integrity of the MC hydrogel at physiological temperatures, a frequency sweep from 0.05 to 10 Hz was performed on each sample group ($n = 6$–8 per group) under constant low amplitude stress (1% strain) upon equilibration to 37°C. **(A)** The elastic (G′; ■) and viscous (G′′; ○) moduli plot against frequency (Hz). **(B)** Complex moduli (G*) of MC formulations used for the neural stem cell cultures plotted against frequency (Hz); MC-x-BSA (□), MC+LN (O), and MC-x-LN1 (◆). The complex modulus of the MC hydrogel ranged between 400 and 600 Pa with no statistical difference between groups (analysis of variance, $p = 0.12$). BSA, bovine serum albumin; MC, methylcellulose; LN1, laminin-1.