Figure S1. Effects of varying concentrations of A $β_{25-35}$ and NGR1 on viability in PC12 cells. (A) Viability of PC12 cells treated with 5, 10, 15, 20 and 30 μM A $β_{25-35}$ for 24 h as examined using an MTT assay. n=4-6. (B) Viability of PC12 cells treated with 50, 100, 250, 500, 1,000, 1,500 and 2,000 μg/ml NGR1 for 24 h as examined using an MTT assay. n=6. Data are presented as the mean \pm SEM. *P<0.05, **P<0.01 vs. untreated control group. A $β_{25-35}$, amyloid-β-protein fragment 25-35; NGR1, notoginsenoside R1.

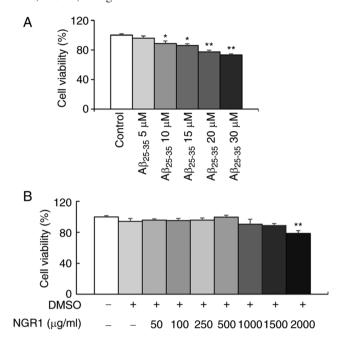


Figure S2. siRNA-mediated knockdown of Sphk1 in PC12 cells. Protein levels of Sphk1 in PC12 cells, which were transfected with 50 nM si-Control, 50 nM si-Sphk1 or without siRNA as a negative control for 6 h. siRNA/si, small interfering RNA; SphK1, sphingosine kinase 1.

