Figure S1. Western blot analysis of P-Akt and Akt expression between MCF-7-SIRT1 and MCF-7-Vector breast cancer cells (Data were presented as means± SEM. **p<0.01. Student’s t-test).
Figure S2. (A) Depletion of P-Akt and Akt in MCF-7-SIRT1 cells with siAkt and LY294002. Protein levels of SIRT1, P-Akt and Akt were detected by Western blot analysis. (B) Cell viality analysis (C) Colony
formation (D) Cell cycle distribution were evaluated (Data were presented as means±SEM. *p< 0.05, **p<0.01. Student’s t-test. Cell viality analysis with n=6; the rest analyzed with n=3).

S3

![Protein level of SIRT1 was detected in RES-treated MDA-MB-231 cells.](image)

**Figure S3.** Protein level of SIRT1 was detected in RES-treated MDA-MB-231 cells.