

Figure S1. Effect of Crocin I on premature senescent HK-2 cells induced by H_2O_2 . (A) The effect of Crocin I on the viability of HK-2 cells detected by the cell counting kit-8 assay. (B) Effect of Crocin I ($10\ \mu M$) on SA- β -Gal staining in HK-2 cells. All cells were observed under a 10X objective lens. (C-E) The change in senescence-related proteins in prematurely senescent HK-2 cells dosed with $10\ \mu M$ Crocin I. $^{##}P<0.01$ vs. Ctrl; $^*P<0.05$, vs. Ctrl H_2O_2 . Ctrl, control group; Ctrl (H_2O_2), HK-2 cells dosed with $0.8\ mM\ H_2O_2$; Crocin I, H_2O_2 -induced prematurely senescent HK-2 cells dosed with $10\ \mu M$ Crocin I.

