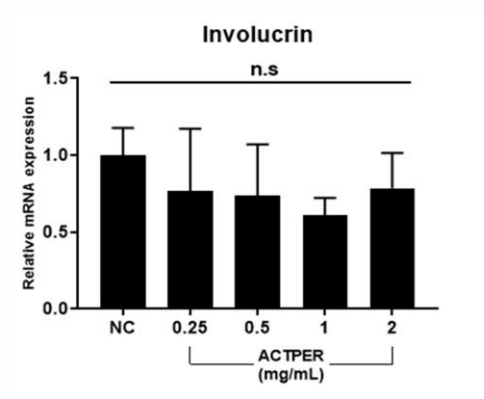
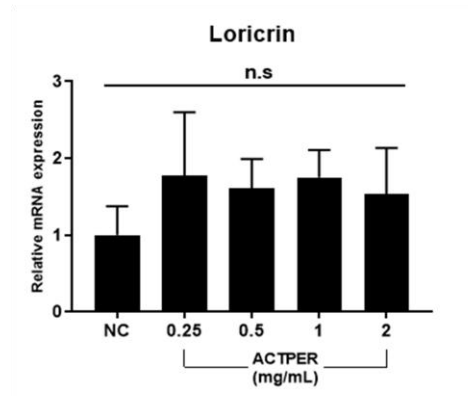


**Figure S1.** ACTPER does not regulate the expression of involucrin and loricrin in acetone-treated mice back skin. RNA levels of **(A)** involucrin and **(B)** loricrin in mice back skin.  $n = 6$  per group. All data are shown as mean  $\pm$  S.E.M.



(A)



(B)

**Figure S2.** ACTPER does not promote the expression of involucrin and loricrin in HaCaT cells. Changes in the RNA level of (A) involucrin and (B) loricrin. Values represent the mean  $\pm$  S.E.M. of three independent experiments.