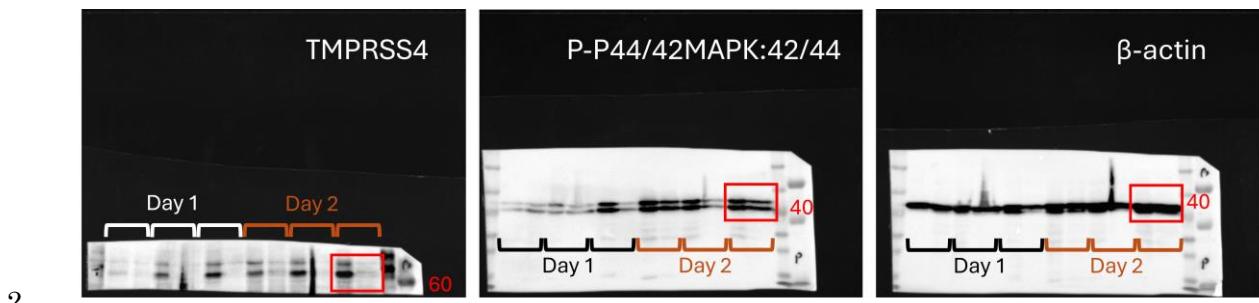
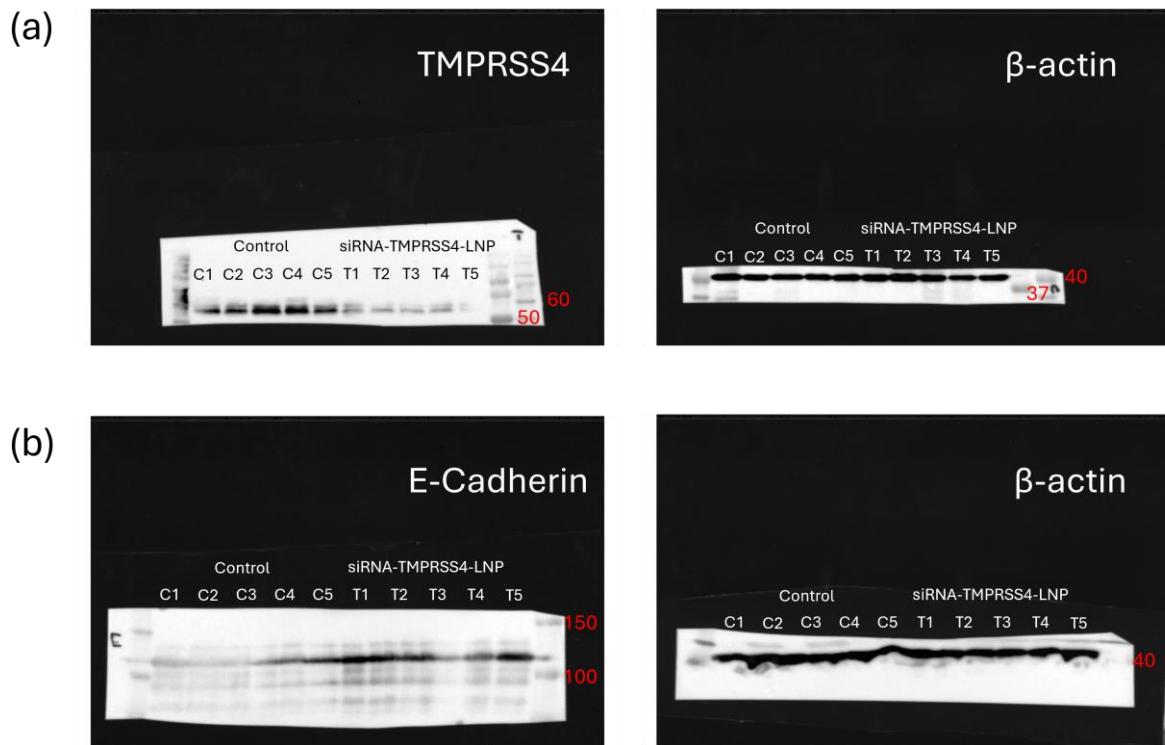


1    **Supplementary Figure S1.**



10 **Supplementary Figure S2.**



11

12 **High dose of small interfering (si)-transmembrane serine protease 4 (TMPRSS4)-lipid**

13 **nanoparticle in combination with fluorouracil suppressed the expression of TMPRSS-4**

14 **in tumors and enhanced the expression of E-cadherin in tumor *in vivo*.** a. Full-length of

15 western blotting comparing TMPRSS4 and  $\beta$  -actin. b. Full-length of western blotting

16 comparing E-cadherin and  $\beta$  -actin.