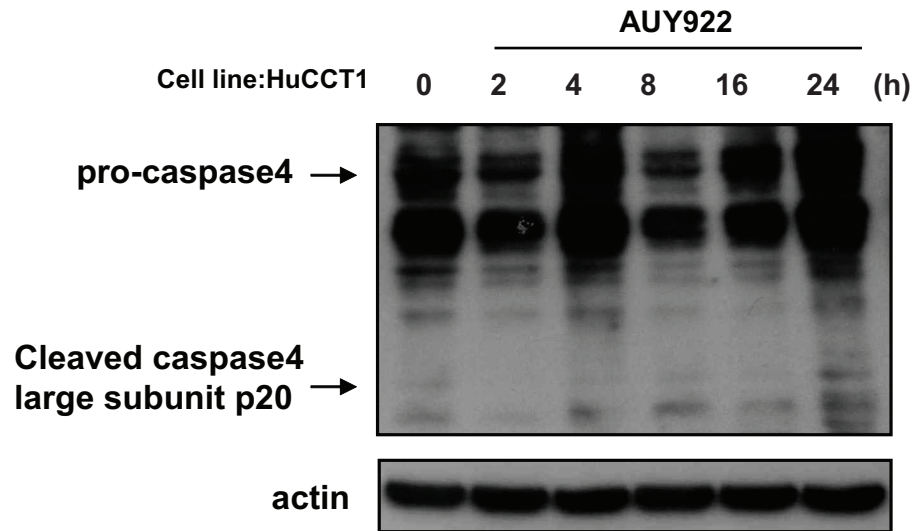


**Supplementary Figure S1: NVP-AUY922 and BEZ235 induced Reactive oxidative species (ROS) and reduced glutathione(GSH) in HuCCT1 cell line. (A)** Relative levels of reduced glutathione (GSH) in HuCCT1 cell line treated with 0.5  $\mu$ M NVP-AUY922 and NVP-BEZ235 alone or combined for 0, 24, and 48 h. **(B)** Reactive oxidative species (ROS) levels induced by 0.5  $\mu$ M NVP-AUY922 and NVP-BEZ235 alone or combined for 0, 18, and 24h in HuCCT1 cell line.1



**Supplementary Figure S2: NVP-AUY922 induced ER stress and apoptosis through Caspase 4 activation.** HuCCT1 cells were incubated with 0.5 uM NVP-AUY922 for 0, 2, 4, 8, 16, and 24 h. Whole cell lysates were subjected to western blot analysis for caspase 4.  $\beta$ -Actin was used as the loading control.