Supplementary Fig. 11 Determination of ROS-related signaling pathways in G6PD knock-down and rescue cells after menadione treatment

G6PD knock-down cells or these cells rescued by WT G6PD or the K403Q mutant were treated with menadione (50 μM) for the indicated periods. The expression levels of candidate proteins involved in ROS-related signaling pathways, including PARP, Caspase-3, and p38 MAPK phosphorylation were determined by western blot analysis.