Supplemental Figure 1. Activation of UPR sensors, PERK, IRE1α and ATF6α, in corneal endothelium

The iHCEC established from donor corneas were cultured and stimulated with thapsigargin to induce endoplasmic reticulum (ER) stress. Western blotting showed that thapsigargin treatment induced the phosphorylation of PERK, cleavage of ATF6, and phosphorylation of IRE1 associated with XBP1 cleavage. The relative density of immunoblot bands in triplicate experiments was determined using Image J software. *p < 0.01, **p < 0.05.