

ENDOPLASMIC RETICULUM STRESS-ACTIVATED C/EBP HOMOLOGOUS PROTEIN ENHANCES NUCLEAR FACTOR- κ B SIGNALS VIA REPRESSION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR γ

Running title: CHOP-repressed PPAR γ by ER stress

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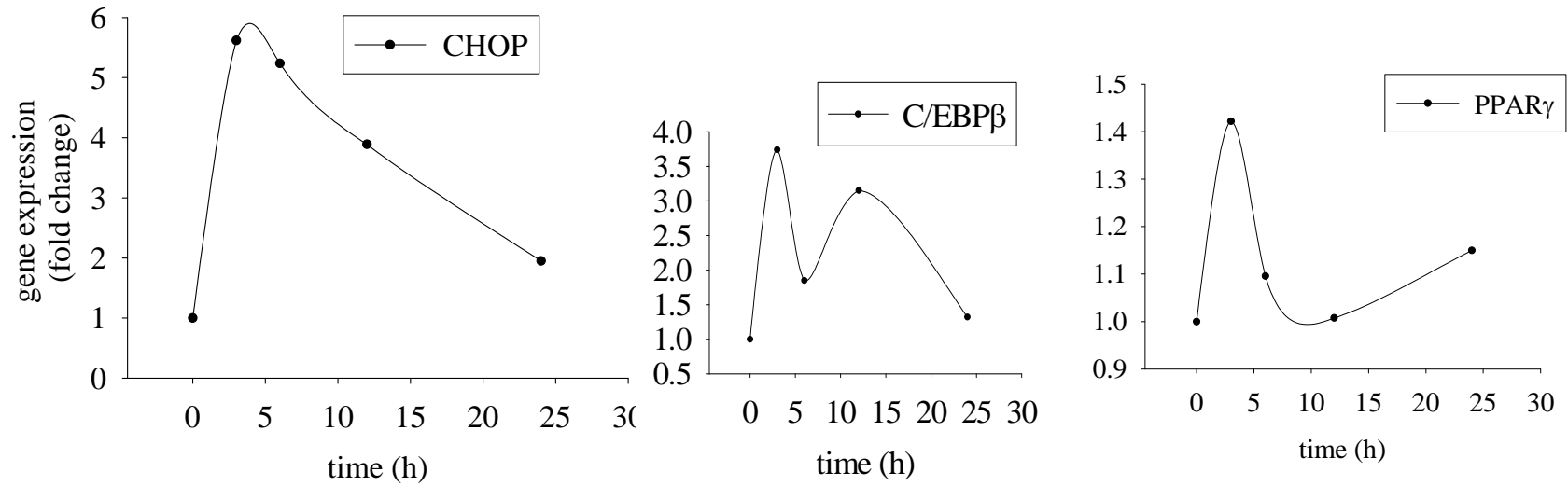
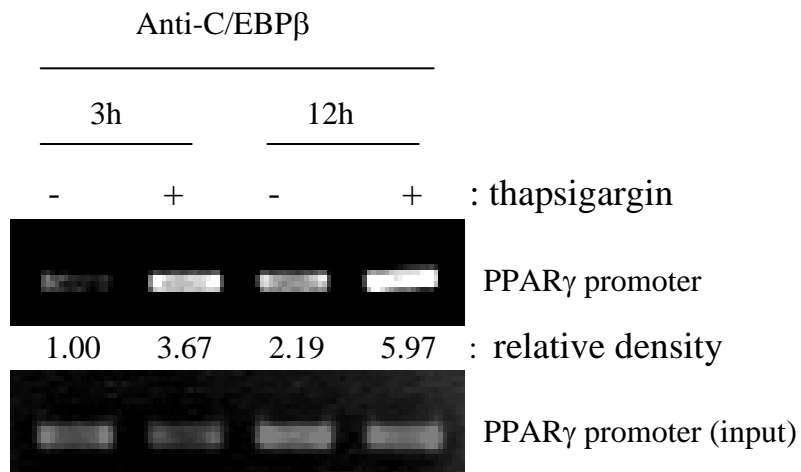
FIGURE LEGENDS

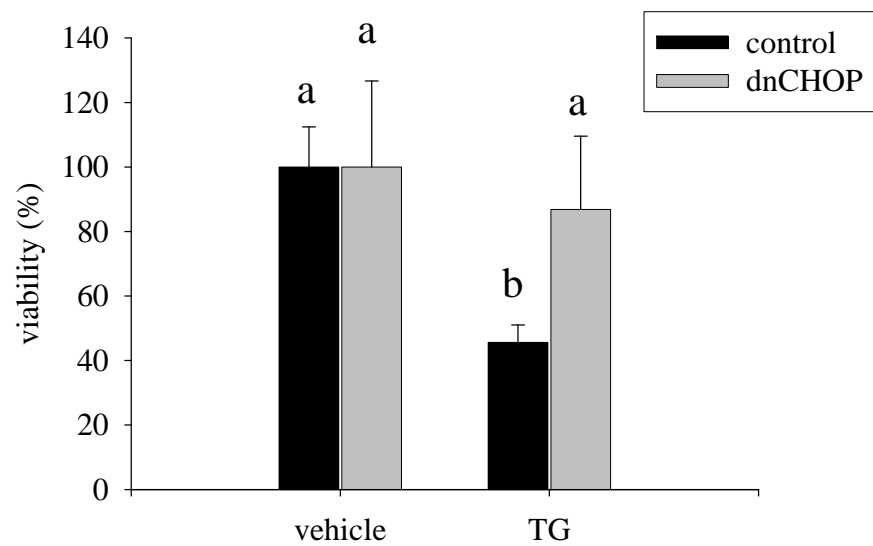
Fig. S. 1. Effects of ER stress on IL-8 and CHOP production in human intestinal epithelial cells.

A. HCT-8 cells were treated with 0.1 μ M TG for indicated time and each mRNA was measured using RT-real time PCR. **B.** HCT-8 cells were treated with 0.1 μ M TG for indicated time and cellular chromatin was immunoprecipitated with anti-C/EBP β antibody. Collected chromatin was subjected to PCR.

Fig S. 2. Involvement of CHOP in TG-induced IL-8 production.

A and B. Stable cell lines (empty vector- or dnCHOP-expressing HCT-8) were treated with each dose of TG (A) or tunicamycin (B) for 24 h. Cellular viability was measured using MTT assay. Different alphabet over the each bar represents significantly difference between two group ($p < 0.05$).

A**B**

A**B**