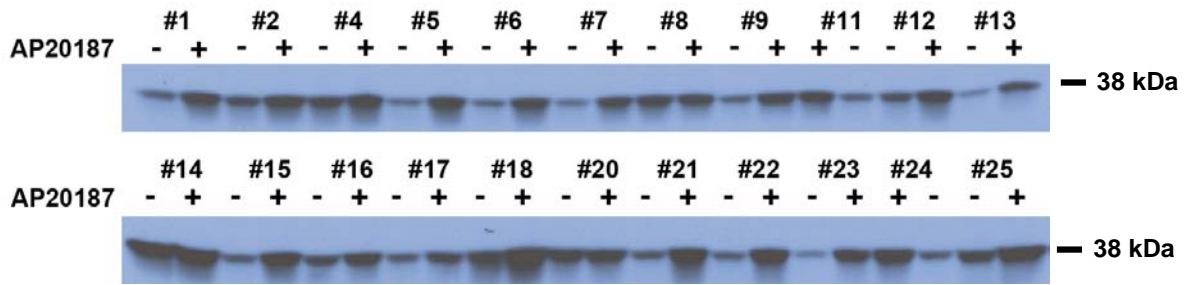
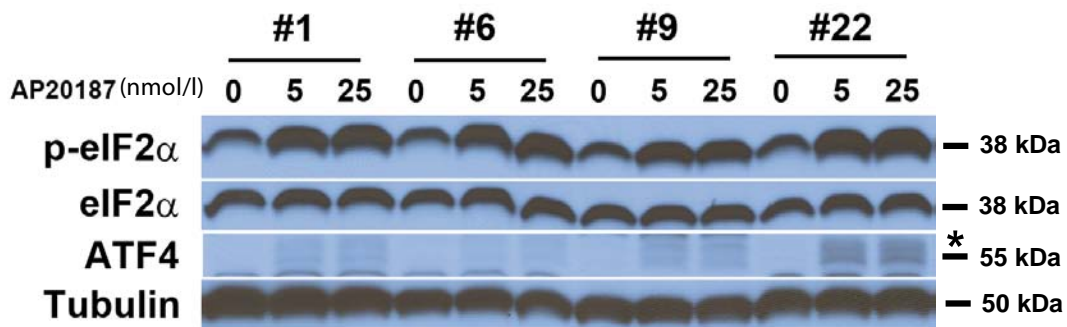


a**b**

ESM Fig. 2 Screening of 3T3-L1 cells expressing Fv2E-PERK. **(a)** Induction of eIF2 α phosphorylation by AP20187. 3T3-L1 cells were transduced with retrovirus expressing Fv2E-PERK, followed by puromycin (Sigma) selection (2 μ g/ml). After 2 weeks, twenty five clones were selected. AP20187 (5 nmol/l) were treated to induce eIF2 α phosphorylation. Cell lysates were collected and separated in SDS-PAGE gels. **(b)** Induction of ATF4 and eIF2 α phosphorylation by AP20187 treatment at indicated dosage in selected clones. * indicates non-specific band.