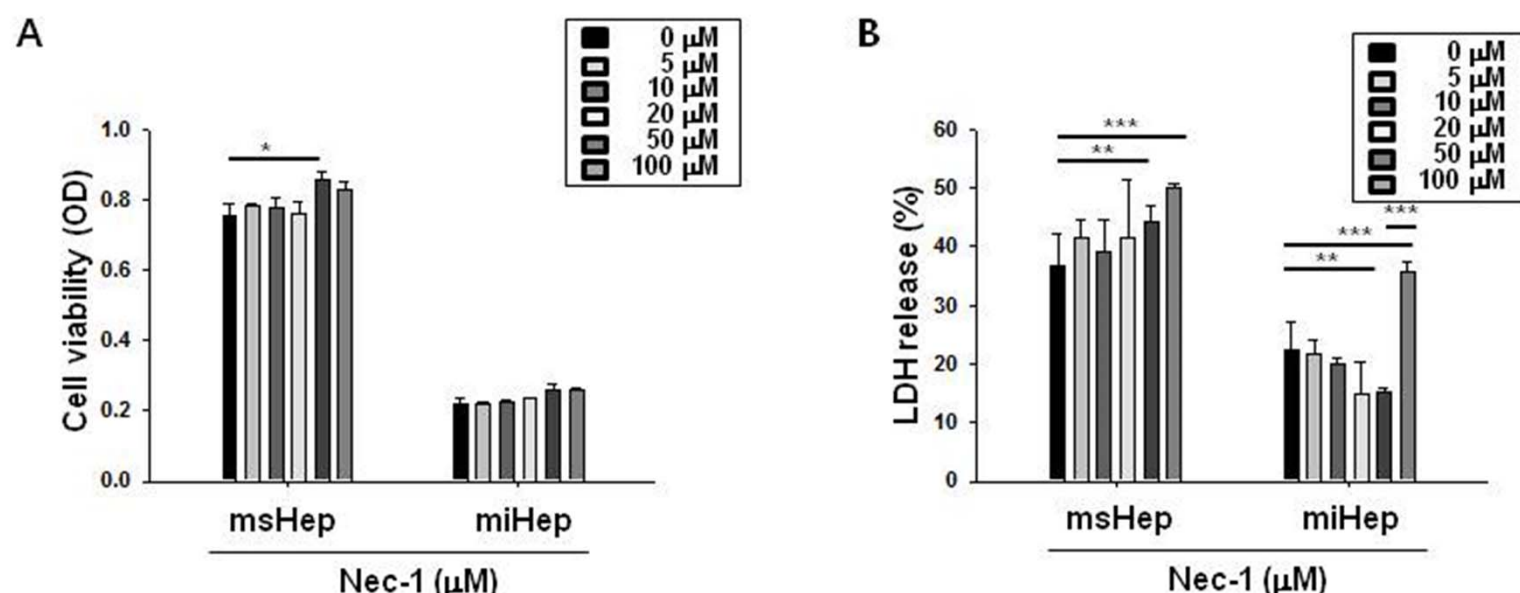


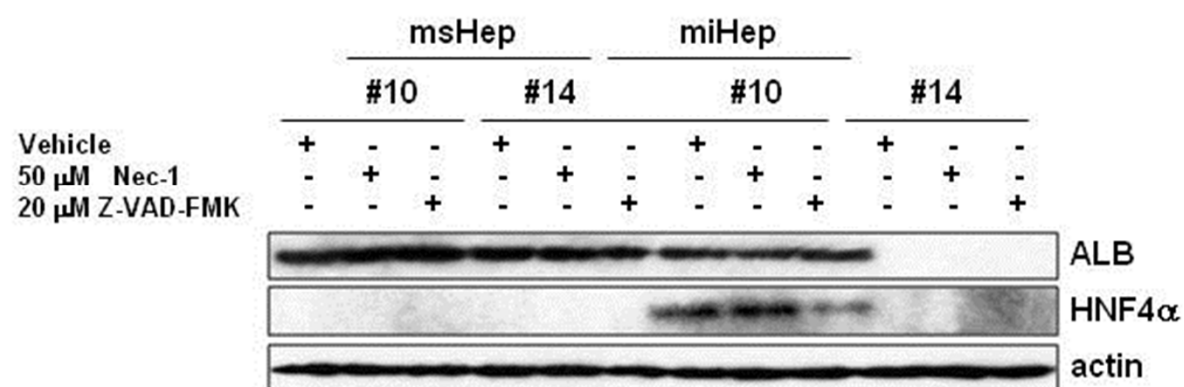
Supplementary Figure 1.



Supplementary Fig. 1. Effect of necrostatin-1 (NEC-1) concentration on mouse-induced hepatocyte-like cells (miHEPs)

Mouse hepatocytes-SV40 cells (msHeps) and miHeps were treated with various concentration of NEC-1. (A) Cell proliferation was analyzed by 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide (MTT) assay. (B) Cytotoxicity was analyzed by lactate dehydrogenase (LDH) test. The percentage of LDH was calculated from the maximum LDH release (100%) induced by lysing cells with 0.1% Triton X-100. Data are expressed as the mean \pm S.E.M; * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$.

Supplementary Figure 2.



Supplementary Fig. 2. Effect of NEC-1 on hepatic function

msHeps and miHeps were treated with vehicle (DMSO), 50 μ M NEC-1, or 20 μ M Z-VAD-FMK. msHep and miHep lysates were subjected to western blot analysis with anti-ALB and anti-hepatocyte nuclear factor 4 alpha (HNF4 α) antibodies. Actin was used as a loading control.