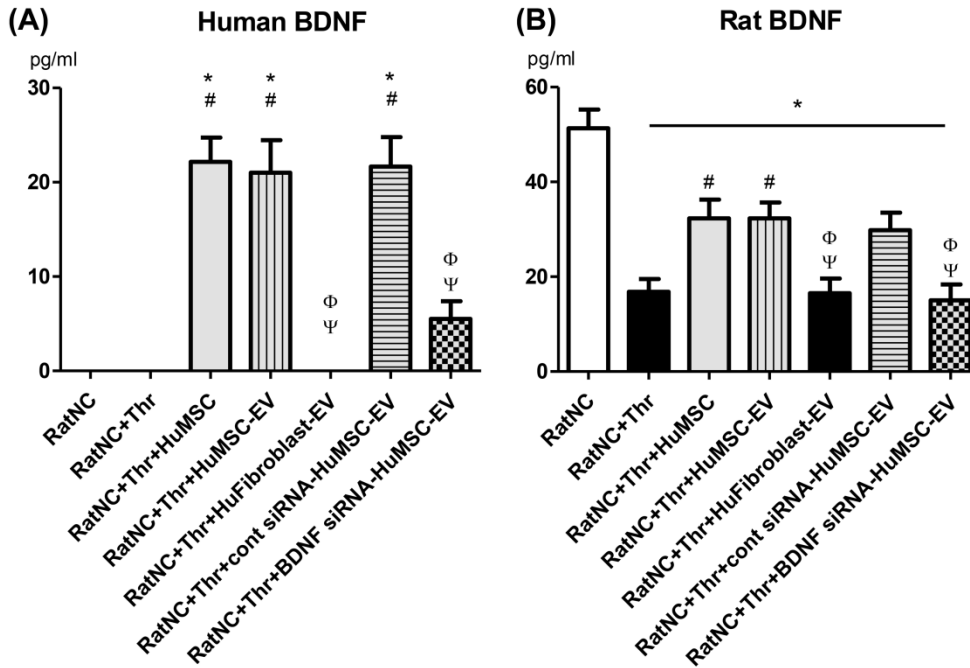


Supplementary Figure 1



Supplement Figure 1. The human specific BDNF (A) and rat specific BDNF (B) levels were measured in the cell culture media in each group. Data are presented as mean \pm standard error of the mean. Abbreviations: RatNC, rat neuronal cell normal control; Thr, thrombin treatment; HuMSC, Human MSCs treatment, HuMSC-EV; extracellular vesicles from naïve human MSCs, HuFibroblast-EV; extracellular vesicles from human fibroblasts, cont siRNA HuMSC-EV; extracellular vesicles from human MSCs transfected with scrambled siRNA, BDNF siRNA HuMSC-EV; extracellular vesicles from human MSCs transfected with BDNF siRNA. Data are presented as mean \pm standard error of the mean. * $P < 0.05$ compared to the rat neuronal cells normal control, # $P < 0.05$ compared to the rat neuronal cells treated with thrombin injury control, $\Phi P < 0.05$ compared to rat neuronal cells treated with thrombin and human MSCs, $\Psi P < 0.05$ compared to rat neuronal cells treated with thrombin and human MSCs-EVs.