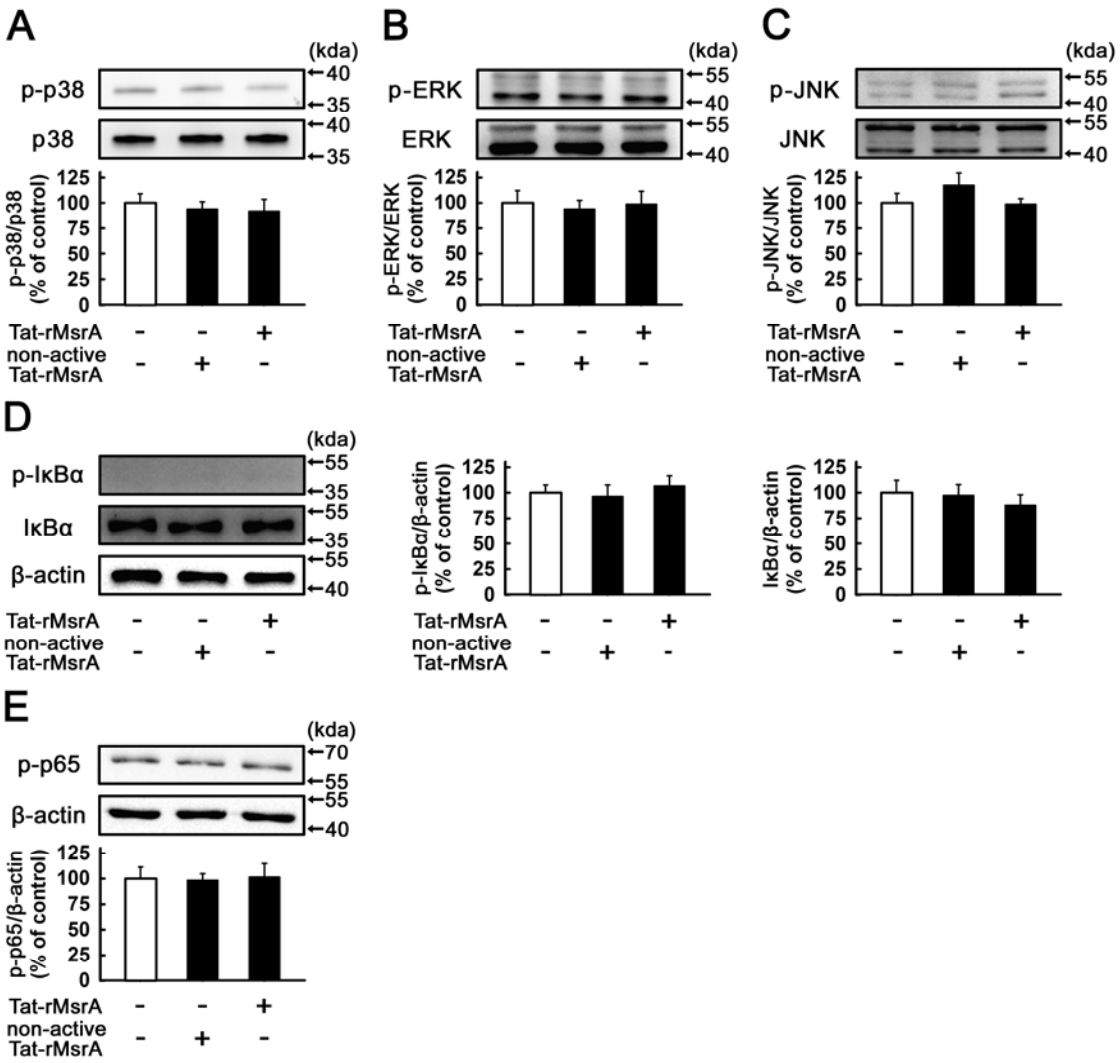


**FIG. S4. Neither Tat-rMsrA nor non-active Tat-rMsrA alone has a perceptible effect on the activation of MAPKs and NF-κB signaling pathways. (A-C)** Primary microglial cells were incubated with Tat-rMsrA or non-active Tat-rMsrA (0.5 μM) for 90 min. Total lysates were obtained and the phosphorylation of **(A)** p38 (n = 4), **(B)** ERK (n = 5) and **(C)** JNK (n = 3) was analyzed by western blotting. **(D & E)** Primary microglia enriched cultures were treated with Tat-rMsrA or non-active Tat-rMsrA (0.5 μM) for 65 min. The whole-cell lysates were obtained and the phosphorylation of (D) IκBα and (E) p65 was analyzed by western blotting assay (n = 5). Results were expressed as a relative change in comparison with the untreated cells, which was set to 100%. Data are expressed as mean ± SEM.