Supplementary

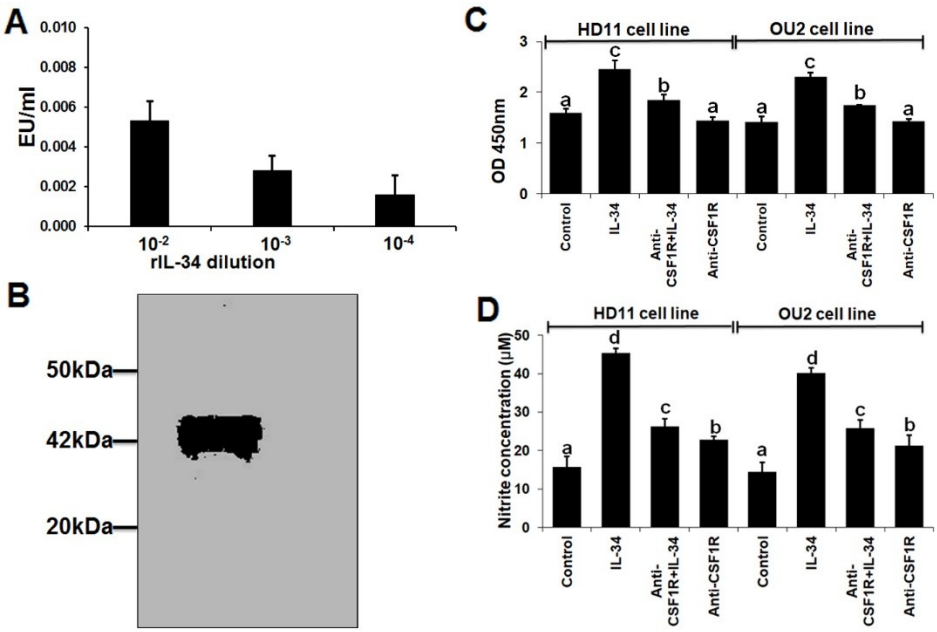

Figure S1. (**A**) Measurement of endotoxin concentrations in the recombinant protein preparations determined by ELISA. A total of 100 µg of protein was used. The initial 100 µg was then diluted 1:100, 1:1000, and 1:10,000 with endotoxin-free PBS. (**B**) Western blot analysis of chIL-34 recombinant protein using anti-His (C-Term)-HRP antibody. The effects of chIL-34 (200 ng/ml), anti-CSF-1R antibody (10µg/ml), and anti-CSF-1R antibody (10µg/ml) and chIL-34 (200 ng/ml) on cell proliferation (**B**) and NO production (**C**) by the HD11 and OU2 cell lines. Data (n = 3) are expressed as mean ± SEM of 3 independent experiments. Values with different superscript characters (a, b, c, and d) indicate significant differences between the control and treatment groups as determined by one-way ANOVA ($p < 0.05$).

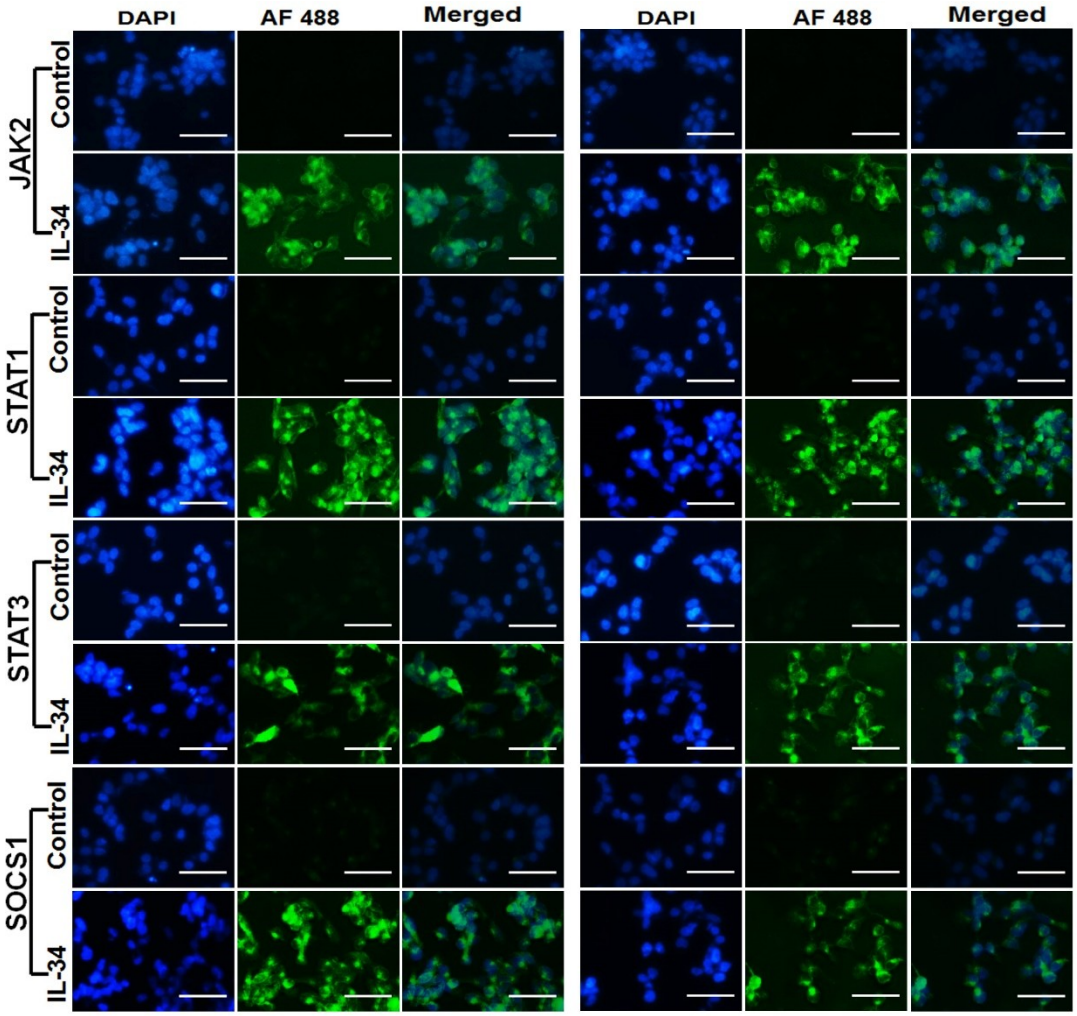

Figure S2. Immunocytochemical analysis of phosphorylated or unphosphorylated JAK/STAT signaling proteins in chicken cell lines. The HD11 (**A**) and OU2 (**B**) cell lines were stimulated with or without chIL-34 (200 ng/ml) for 60 min. Both untreated and treated cells were incubated with primary antibody, Alexa Fluor® 488 goat anti-rabbit IgG (H+L) secondary antibody, and DAPI (blue). Scale bar represents 25 μm.