

**Supplementary Figure 4.** Circular dichroism (CD) analysis of rTcSERPIN. **A**, Image of cuvettes after heating the rTcSERPIN protein to 95 °C at pH 7 and 8, respectively. **B** and **C**, Spectral profiles by circular dichroism at wavelengths from 190 – 240 nm of the rTcSERPIN at pH 7 (red lines), 6 and 4 (black lines) treated at 25 °C (solid lines) and 95 °C (dashed lines). The spectrum of the protein analyzed at pH 4 and 6 was obtained in citrate buffer (10 mM), and for pH 7 it was obtained in Tris HCl (10 mM).