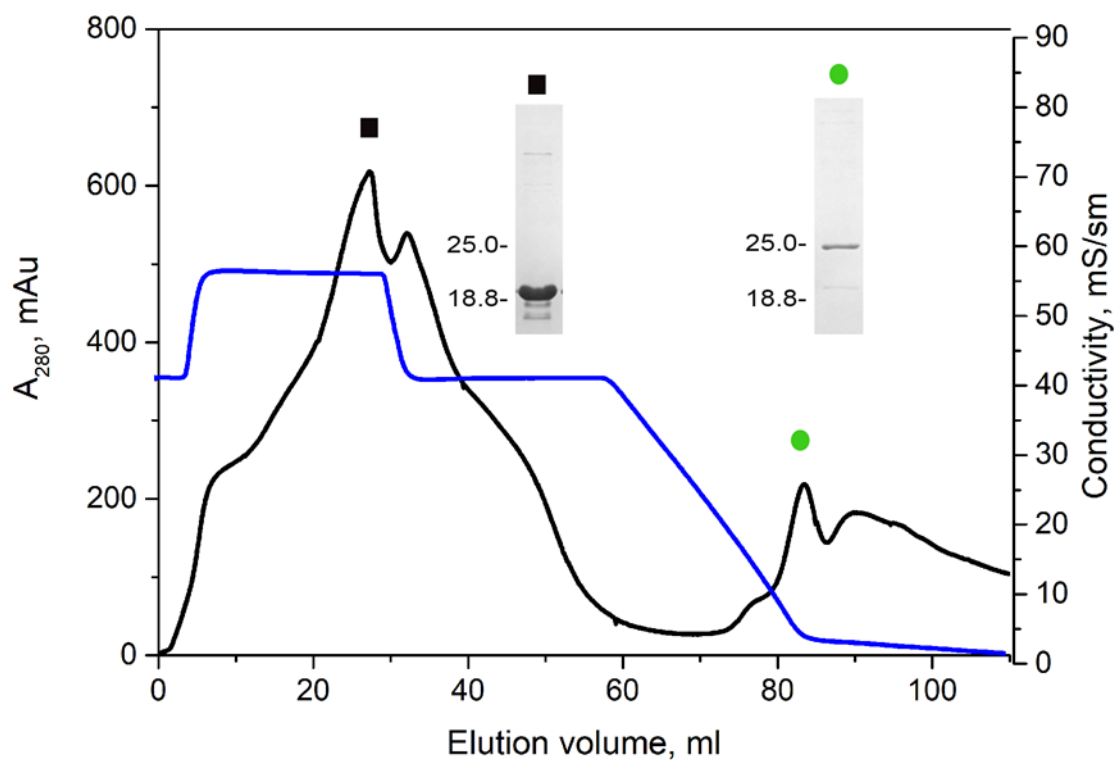


Supplement Figure S1. Surface hydrophobicity of HspB1 (brown), HspB7-L (green), HspB7-D (black) and ΔSer mutant of HspB7 (blue) studied by fluorescence probe bis-ANS. The wild type HspB1 was used as positive standard. Fluorescence was excited at 385 and recorded at 495 nm.



Supplement Figure S2. Chromatography of Δ Ser mutant on HiTrap Phenyl-Sepharose. Crude preparation of Δ Ser mutant of HspB7 was loaded on Phenyl-Sepharose and eluted by decreasing gradient of ammonium sulfate (blue line). SDS-PAGE of fractions marked by colored squares and circles are shown on inserts.