

Type of secondary structure	Free HSA	HSA: phycocyanobilin (1:1; mol:mol)
α helix (%)	50.4 \pm 2.1	55.2 \pm 1.8
β sheet (%)	21.1 \pm 1.3	20.1 \pm 1.5
random coil (%)	8.8 \pm 1.3	4.8 \pm 0.7
β turn (%)	11.0 \pm 0.5	11.0 \pm 0.6
β -antiparallel sheet (%)	8.7 \pm 0.8	8.9 \pm 0.9