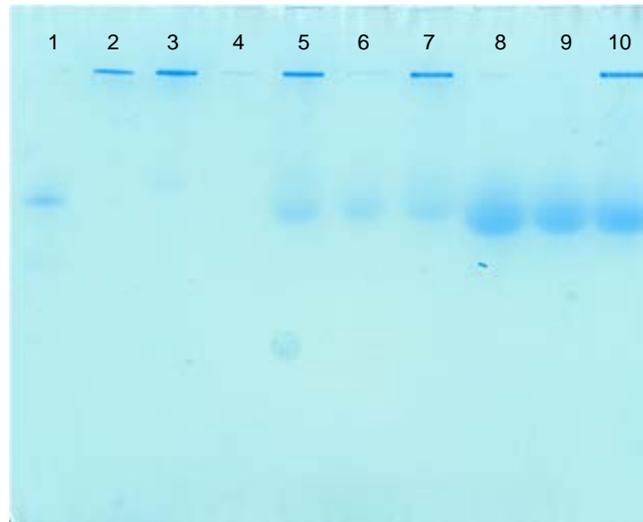
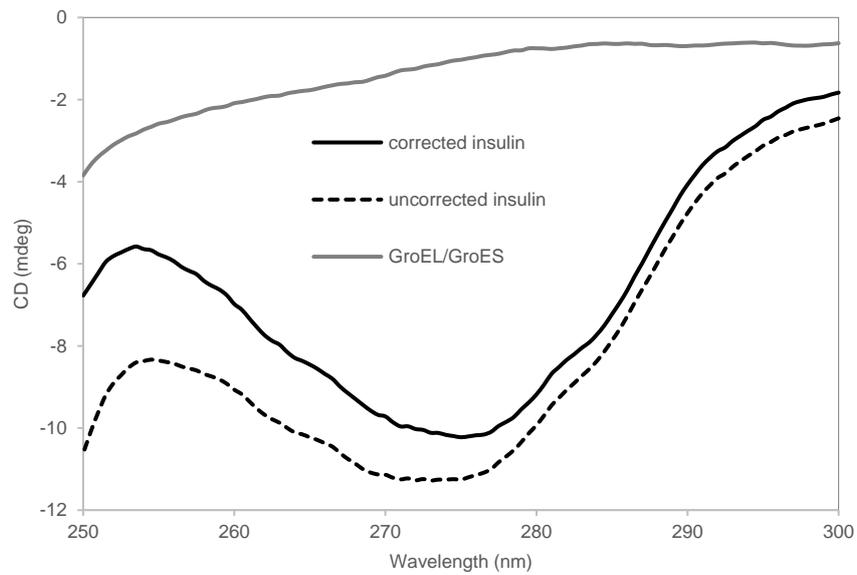


# The Possible Role of the Type I Chaperonins in Human Insulin Self-association

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**Figure S1:** Original non denaturing PAGE used for composing the figure 4 of the manuscript. In particular the columns 1, 2, 3, 4, 5, 9, 10 used for the figure are **1:** a human neuroserpin with molecular mass of 46kDa was used as a reference; **2:** GroEL at 1.7  $\mu$ M; **3:** GroEL/GroES mixture in a molar ratio 1:1 at 1.7  $\mu$ M; **4:** insulin at 0.1 mg/ml (17  $\mu$ M); **5:** insulin at 0.1 mg/ml (17  $\mu$ M) with GroEL/GroES in a molar ratio GroEL:insulin=1:10. **9:** insulin at 0.5 mg/ml (86  $\mu$ M); **10:** insulin at 0.5 mg/ml (86  $\mu$ M) with GroEL/GROES in a molar ratio GroEL:insulin=1:10.



**Figure S2:** Near-UV CD spectra of insulin at 0.5 mg/ml (86  $\mu$ M) in the presence of the chaperonins GroEL/GroES in a molar ratio insulin:(GroEL:GroES)=10:(1:1) and uncorrected for the corresponding chaperonins signal (dashed black line). In the same graph, the spectrum relative to GroEL/GroES (GroEL 8.6  $\mu$ M) is reported (grey), together with the spectrum obtained for insulin after the subtraction of the chaperonins signal from the uncorrected spectrum (continuous black).