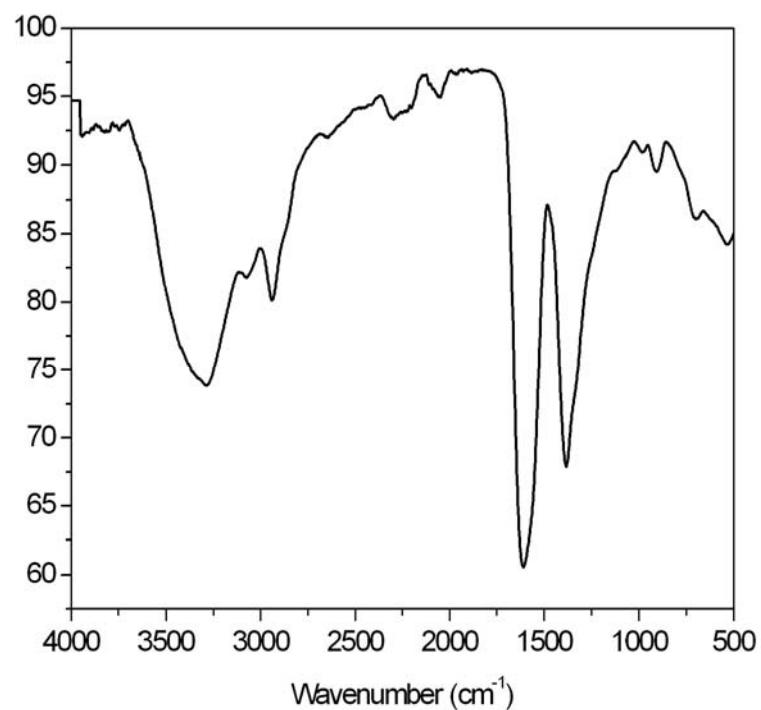
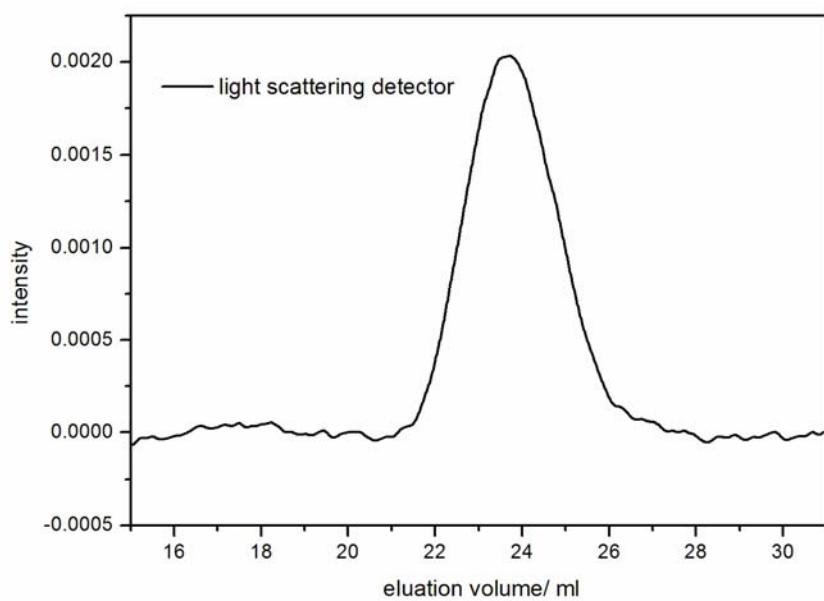


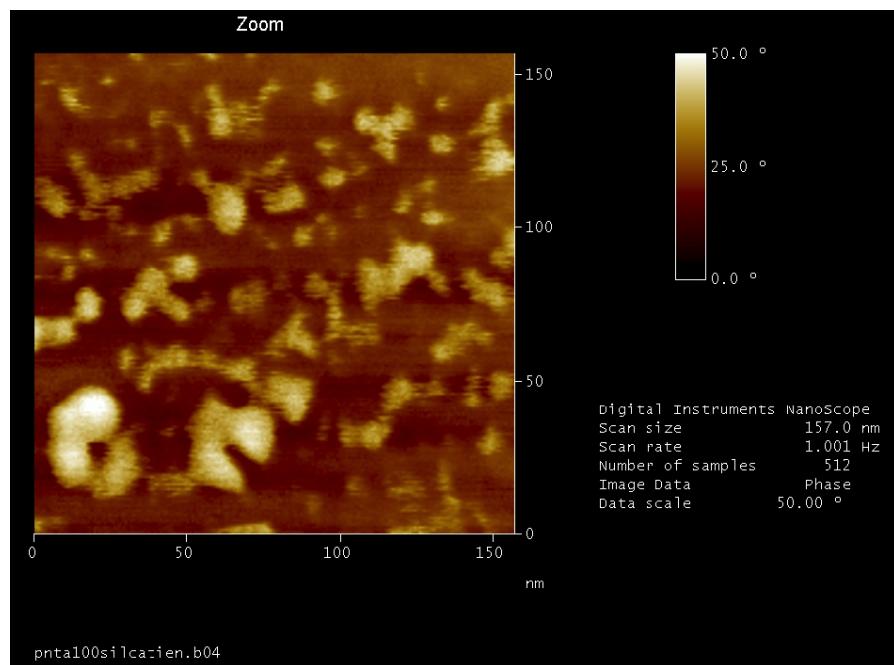
**Supplementary Figure 1.**  $^1\text{H}$  NMR spectrum of the polymeric ligand



**Supplementary Figure 2.** FT-IR spectrum of the polymeric ligand.



**Supplementary Figure 3.** GPC data of the polymeric ligand.



**Supplementary Figure 4.** Scanning force microscopy (SFM) height image of the polymer backbone with silicatein side chains.