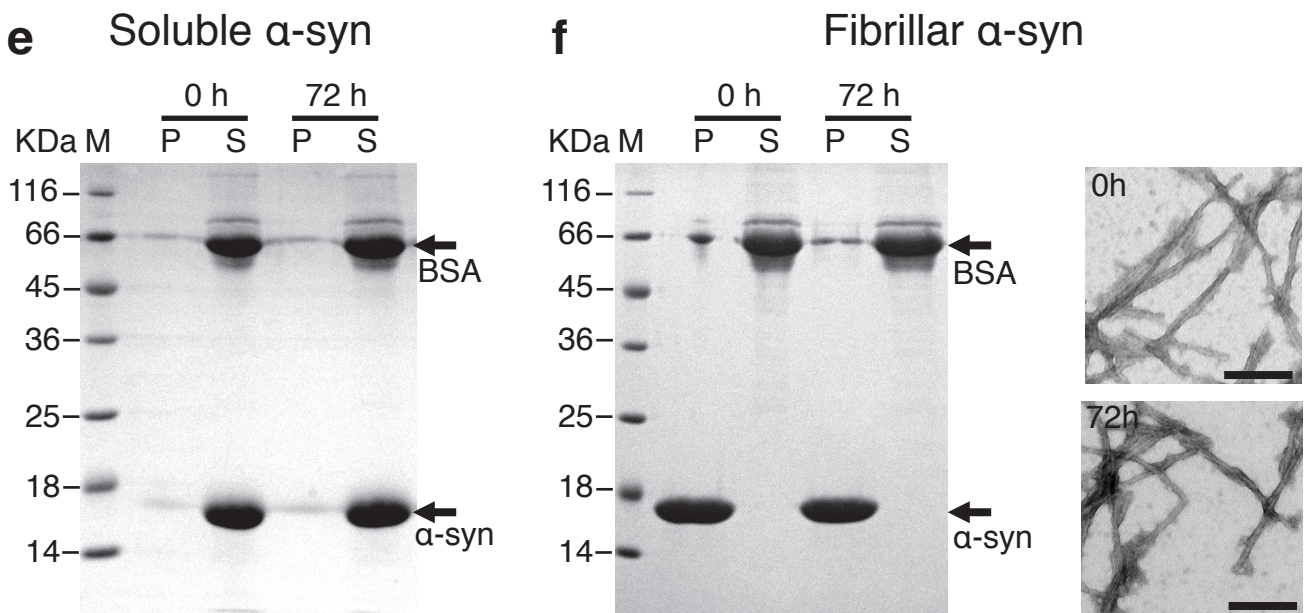
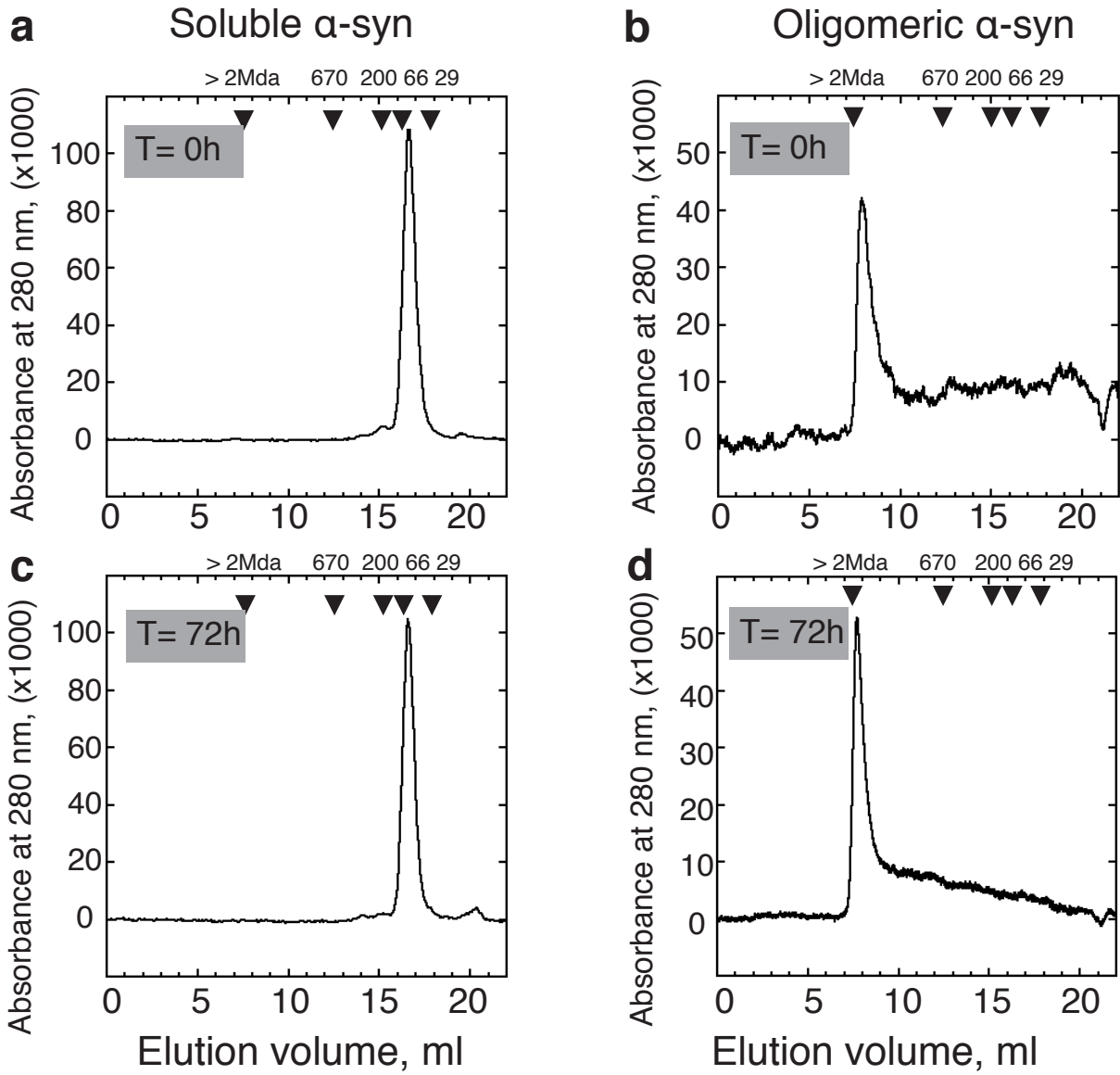


Supplementary figure 2



Supplementary figure 2: Stability of recombinant monomeric, oligomeric and fibrillar assemblies over 72h.

a-d. Stability of recombinant monomeric and oligomeric α -syn over 72 h duration in assembly buffer.

a. and **b.** Size exclusion chromatography (SEC) of soluble and oligomeric α -syn assemblies at time zero.

c. and **d.** SEC of soluble and oligomeric α -syn assemblies after 72 h in assembly buffer at 37°C, without shaking. The corresponding monomer and oligomer peaks were unchanged, revealing that these assemblies are stable over the time of the experiment.

e-f. Stability of recombinant monomeric and fibrillar α -syn assemblies (100 μ M) over a 72 h incubation in culture media containing fetal bovine serum. Standard SDS-polyacrylamide gel electrophoresis was performed in 10% gels following the method described by Laemmli (Laemmli, U. K. (1970) Nature 227, 680–685). Gels were stained with coomassie blue.

e. Sedimentation assay (30.000 g, 18°C, 30 min) of soluble α -syn at initial (0 h) and after 72 h.

f. Sedimentation assay of α -syn fibrils at initial (0 h) and after 72 h. Soluble and fibrillar α -syn are not degraded over 72 h, nor polymerized for soluble α -syn or depolymerized for α -syn fibrils. Molecular weight marker (M), pellet (P), supernatant (S).