

▪ **SUPPLEMENTARY MATERIAL**

Figure S1 Linear aggregations rate measured by SE-HPLC at 40°C versus 25°C showing no correlation

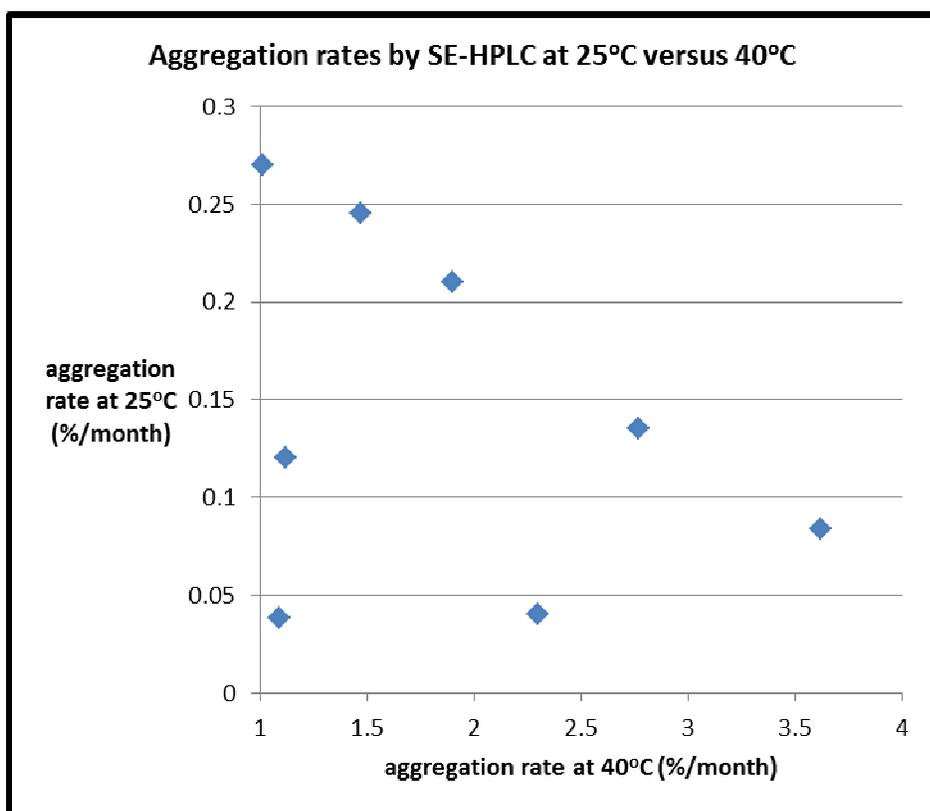


Figure S2 Plot of first T_m measured by DSC versus linear aggregation rate at 25°C measured by SE-HPLC showing poor correlation for optimized formulations.

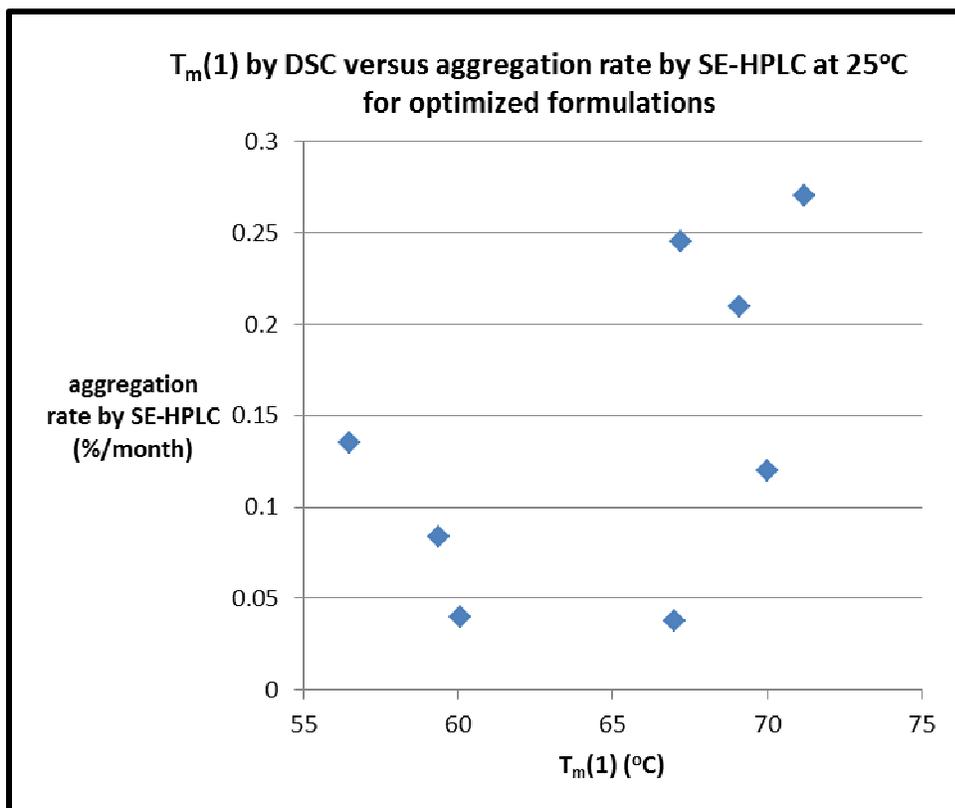


Figure S3 Plots for optimized and screening buffer conditions of first T_m measured by intrinsic fluorescence versus first T_m measured by DSC. These plots show that the unfolding transition detected by intrinsic fluorescence correlates well with that measured by DSC.

*Note that for mAb4 the second T_m detected by fluorescence is used in these plots, recognizing that the first transition clearly did not correspond to an unfolding thermal transition (see discussion).

