

Supporting Information for Publication

## EFFECT OF PEGYLATION ON SELF-ASSOCIATION OF IFN- $\alpha$ 2b

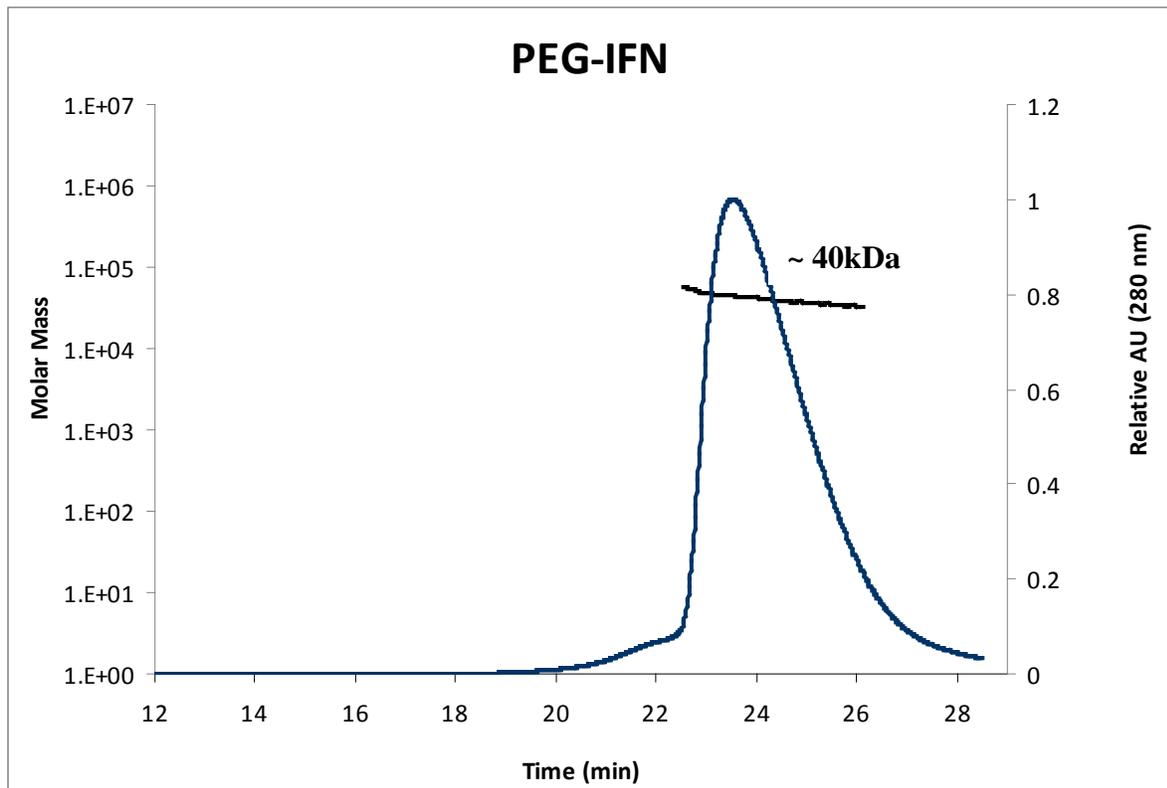
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**Figure. S1.**



**Fig. S1.** Size exclusion chromatography analysis of PEGIFN- $\alpha$ 2b at 1 mg/ml using Multi Angle Light Scattering (MALLS) and UV280 for detection. PEG-IFN behaves as a monomer (19kDa IFN + 12kDa Peg chain) in the absence of the BS3 cross-linker. Note that the pre-main shoulder at about 22 minutes is due to the presence of di-pegylated IFN (di-PEG-IFN), which is minor side reaction from the manufacturing process.

**Table S1.** Representative size exclusion data for PEGIFN at three different concentrations

<b>Elution Peak</b>	<b>Concentration</b>		
	<b>0.1 mg/mL</b>	<b>0.3 mg/mL</b>	<b>1.2 mg/mL</b>
di-PEG-IFN	4.7	5.1	4.8
Mono-PEG-IFN	94.0	93.6	93.3
IFN	1.3	1.4	1.8