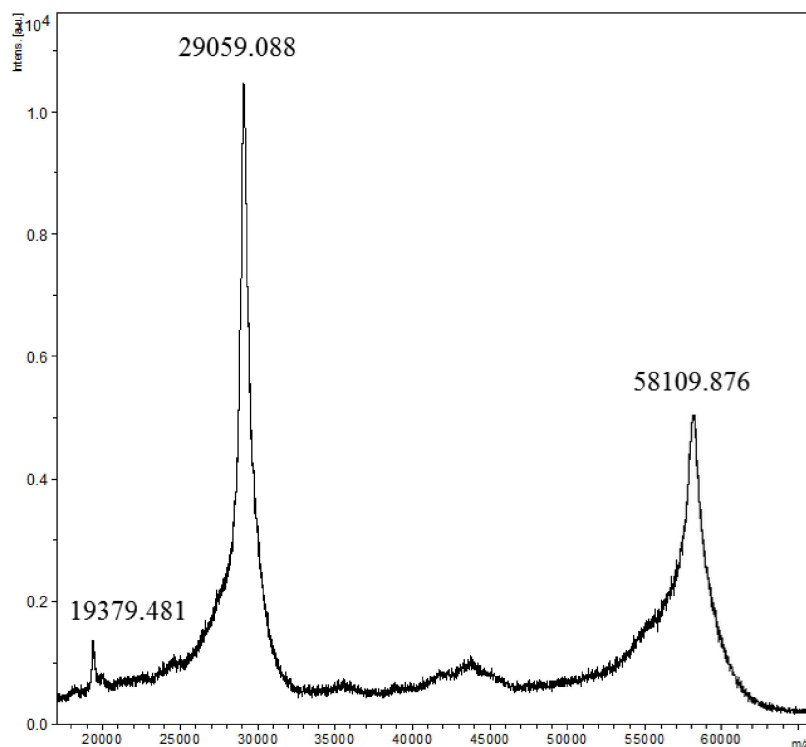
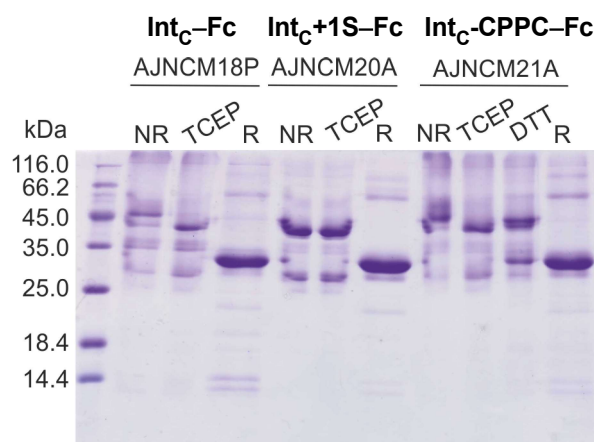


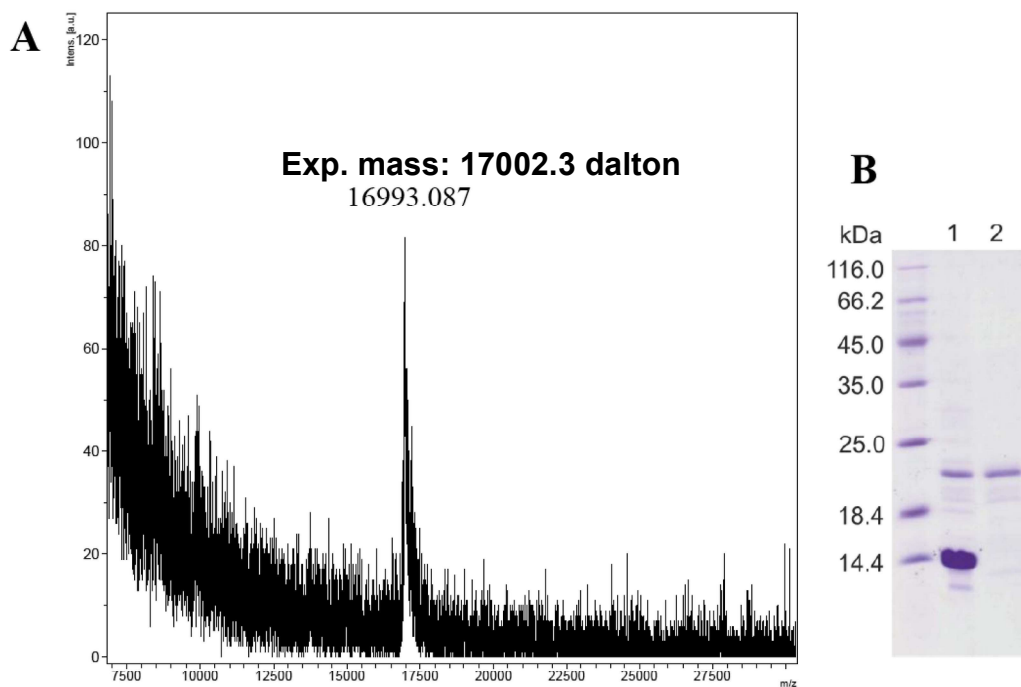
**Supplemental Fig. S1: Comparison of protein expression of Int<sub>C</sub>-CPPC-Fc with pAJNY21 with P5 promoter (A,C,D) and pAJNCM21A with P2 promoter (B,E,F). (A, B) SDS-PAGE analysis of the culture supernatant during four days. (C,D,E,F) Optical density at 600 nm and pH of the cell culture during five days.**



**Supplemental Fig. S2: Molecular mass analysis of IntC-CPPC-Fc by MALDI-TOF spectrometry.** The calculated molecular mass for the monomeric Int<sub>C</sub>-CPPC-Fc (AJNCM21A) is 29057.8 Da. The dimer is expected to have 58115.6 Da.



**Supplemental Fig. S3: SDS-PAGE analysis the three Fc constructs of reducing conditions** Samples were either prepared in an excessively reducing (R), non-reducing (NR) conditions. TCEP and DTT indicate the presence of 0.5 mM TCEP (TCEP) or 5 mM DTT (DTT), respectively.



**Supplemental Fig. S4: Molecular mass analysis of SVN-GB1. (A) MALDI-TOF spectrum of the purified fraction of SVN-GB1. (B) SDS-PAGE analysis of the reaction mixture.** The reaction mixture (B, lane 1) was purified by reversed-phase chromatography. The lane 2 in the SDS-gel was analyzed by MALDI-TOF mass spectrometry. The expected mass was calculated for  $[^{15}\text{N}]\text{-SVN-}[^{14}\text{N}]\text{-GB1}$ .