



**Figure 1.** Progress made on preparing recombinant FeoB for structural determination via cryo-EM. **a.** Predicted two-dimensional topographical model of FeoB from a typical Gram-negative  $\gamma$ -proteobacterium, such as *Escherichia coli*. **b.** Final Superose 6 SEC chromatogram of recombinantly produced, purified, and polished *Clostridium difficile* FeoB1 prepared in Fos-choline 14 micelles. **c.** SDS-PAGE analysis of the same sample in **b.** at ca. 2 mg/mL concentration. **d.** Microcrystals (top panel) produced by the protein sample in **b.** and **c.** and verified as protein via UV fluorescence (bottom panel). Unfortunately, these crystals failed to diffract beyond ca. 20 Å resolution. **e.** SDS-PAGE analysis of the same protein in **b.** and **c.** after reconstitution into proteoliposomes.