

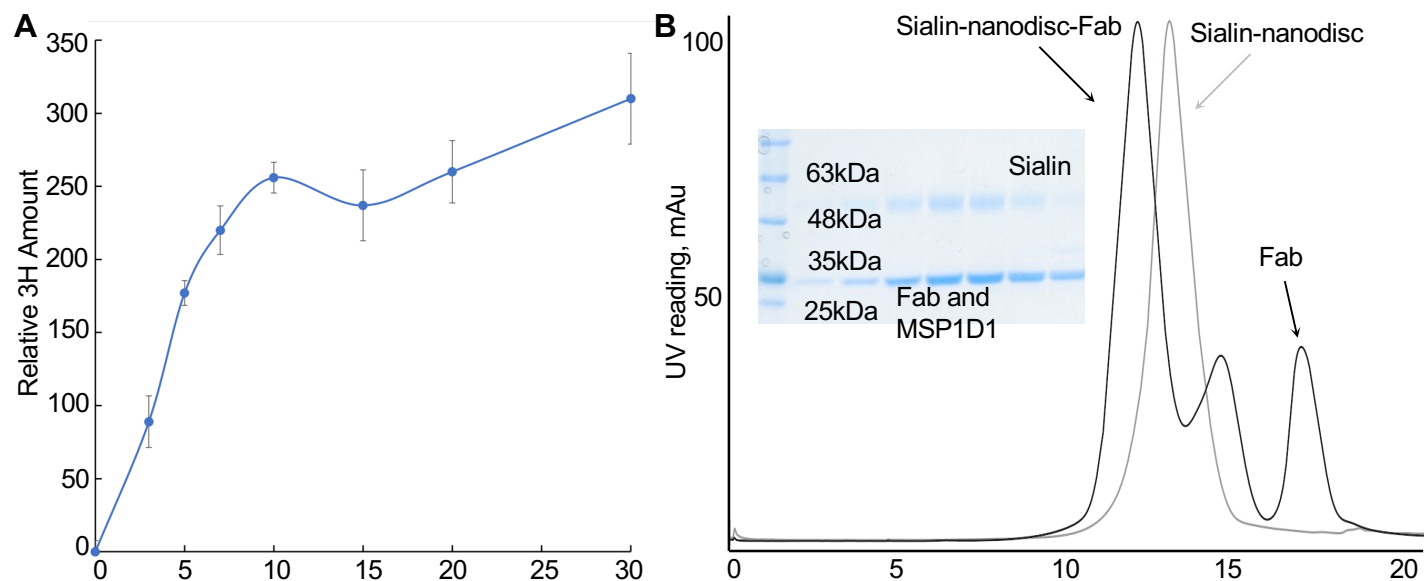


Figure 1. Sialin sample preparation for cryo-EM. **A.** Proteoliposome transport of Sialin with 10nM [3H]Neu5Ac. **B.** Gel filtration of sialin-nanodisc-Fab complex and corresponding peak on SDS-PAGE.

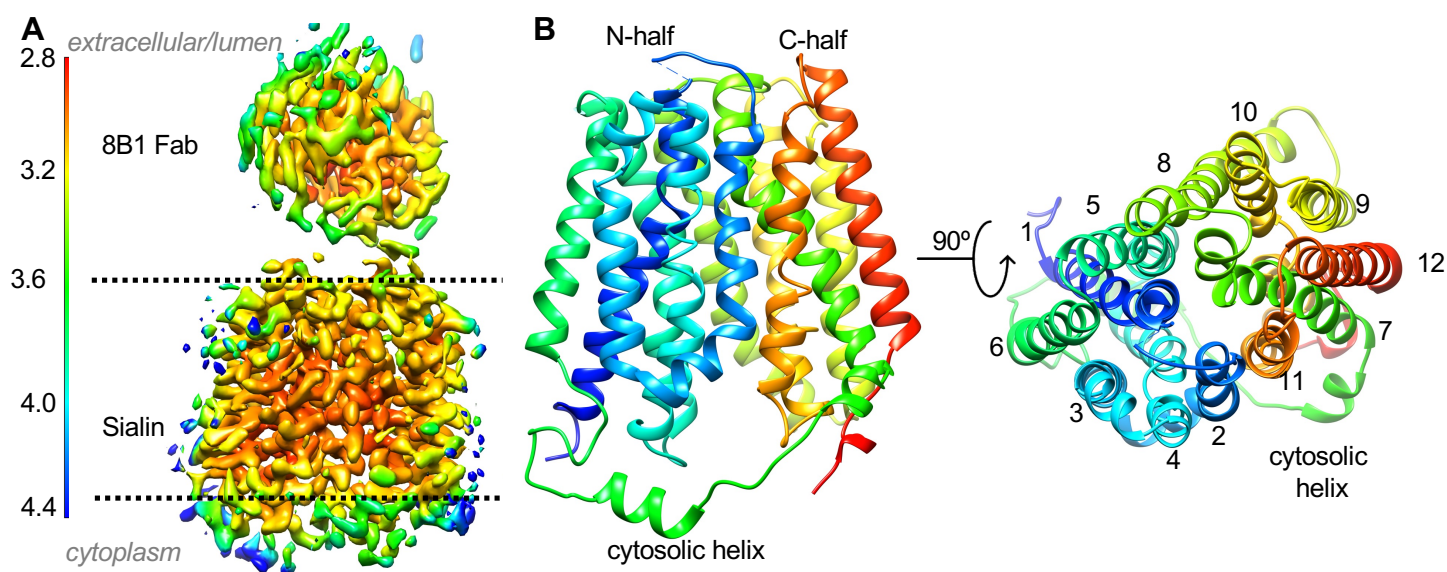


Figure 2. Cryo-EM structure of Sialin. **A.** Cryo-EM map of the Sialin-nanodisc-Fab reconstruction at 3.4Å resolution colored by the local resolution estimation. **B.** Cartoon representation of the Sialin model colored in rainbow. 12 TMs and a cytosolic helix are indicated.