

Supporting Information

Expression, Purification, and Functional Reconstitution of ¹⁹F-labeled Cytochrome b5 in Peptide Nanodiscs for NMR Studies

Jia Bai,^a Jian Wang,^a Thirupathi Ravula,^a Sang-Choul Im,^b G. M. Anantharamaiah,^c Lucy Waskell^d
& Ayyalusamy Ramamoorthy^{a*}

^aBiophysics Program, Department of Chemistry, Biomedical Engineering, Macromolecular Science and Engineering, The University of Michigan, Ann Arbor, MI 48109-1055, USA.

^bDepartment of Internal Medicine, The University of Michigan, and VA Medical Center, Ann Arbor, Michigan 48105, USA.

^cDepartment of Medicine, UAB Medical Center, Birmingham, Alabama, 35294, USA.

^dDepartment of Anesthesiology, The University of Michigan, and VA Medical Center, Ann Arbor, Michigan 48105, USA.

*Corresponding Author: Email: ramamoor@umich.edu

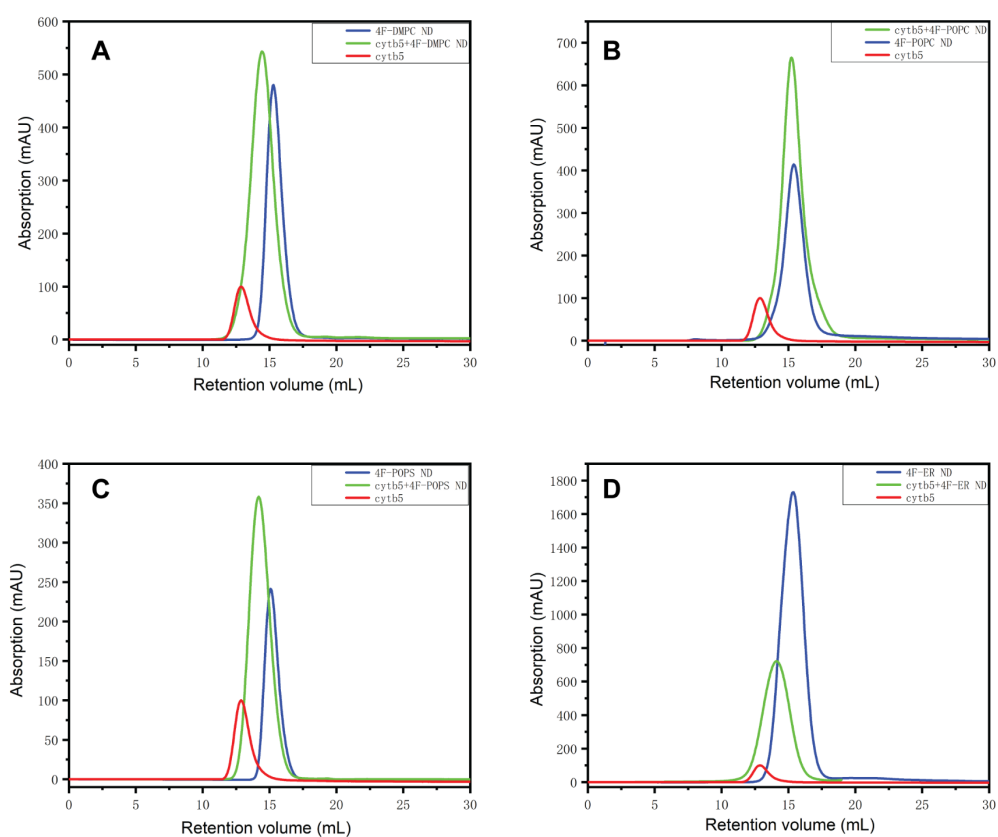


Figure S1. SEC elution profiles (A: DMPC, B: POPC, C:POPS, D:ER) of cytb5 alone in buffer (red), empty nanodiscs (blue), and nanodiscs containing cytb5 (green). The normalized intensity profiles are included in the Figure 4 of the main manuscript.