SUPPLEMENTARY MATERIAL

for

Rapid preparation of nanodiscs for biophysical studies

Jeffrey A. Julien¹, Martin G. Fernandez¹, Katrina M. Brandmier¹, Joshua T. Del Mundo², Carol M. Bator³, Lucie A. Loftus¹, Esther W. Gomez², Enrique D. Gomez^{2,4}, Kerney Jebrell Glover^{1*}

¹Department of Chemistry, Lehigh University, Bethlehem, Pennsylvania 18015, U.S.A.

²Department of Chemical Engineering, The Pennsylvania State University, University Park, Pennsylvania 16802, U.S.A.

³Huck Institutes of Life Sciences, Cryo-EM Facility, The Pennsylvania State University, University Park, Pennsylvania 16802, U.S.A.

⁴Department of Materials Science and Engineering, The Pennsylvania State University,

University Park, Pennsylvania 16802, U.S.A.

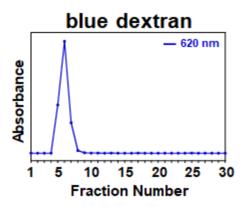


Figure S1. 7 mL Sephadex[®] G-25 elution profile of 1 mg/mL blue dextran.

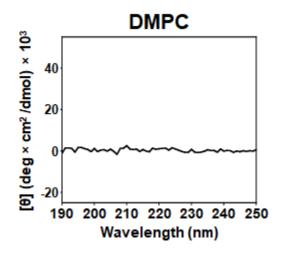


Figure S2. Circular dichroism spectrum of 384 μ M DMPC in 10 mM sodium phosphate pH 7.4, 50 mM Na₂SO₄, 16 mM sodium dodecyl sulfate (SDS) at 25°C. [θ] is mean residue ellipticity.