



Supplementary Figure 1: (A) Chromatogram of CmlS eluted from a 10 mL Ni-NTA column during purification from an *E. coli* extract. The flow-through and CmlS fractions are indicated. (B) SDS-PAGE analysis of purified CmlS. Lane 1: Pooled CmlS fractions from Ni-NTA column as shown in A. Lane 2: Bio-Rad molecular weight standards (broad-range, #161-0317) with masses in kDa. The predicted molecular weight of CmlS as expressed from pET-28a is 66,445 Da. Lane 3: Crude *E. coli* extract containing soluble CmlS prior to purification. Lane 4: Flow-through fractions as indicated in A. Lane 5: Pellet containing insoluble fraction of CmlS derived from centrifugation step of lysed *E. coli* cells.