



Figure S4. RBD^{STEC4}-His₆ remains soluble after cell-dependent N-terminal proteolytic cleavage. Unlipidated (no CdiC) and lipidated (+ CdiC) RBD^{STEC4}-His₆ were incubated with *E. coli waa*⁺ cells to induce N-terminal processing, then the processed proteins were re-isolated by Ni²⁺-affinity chromatography under denaturing conditions. After buffer exchange into sodium phosphate, processed and unprocessed proteins were centrifuged at 199,000 ×g for 5 min into supernatant (S) and precipitate (P) fractions for SDS-PAGE analysis.