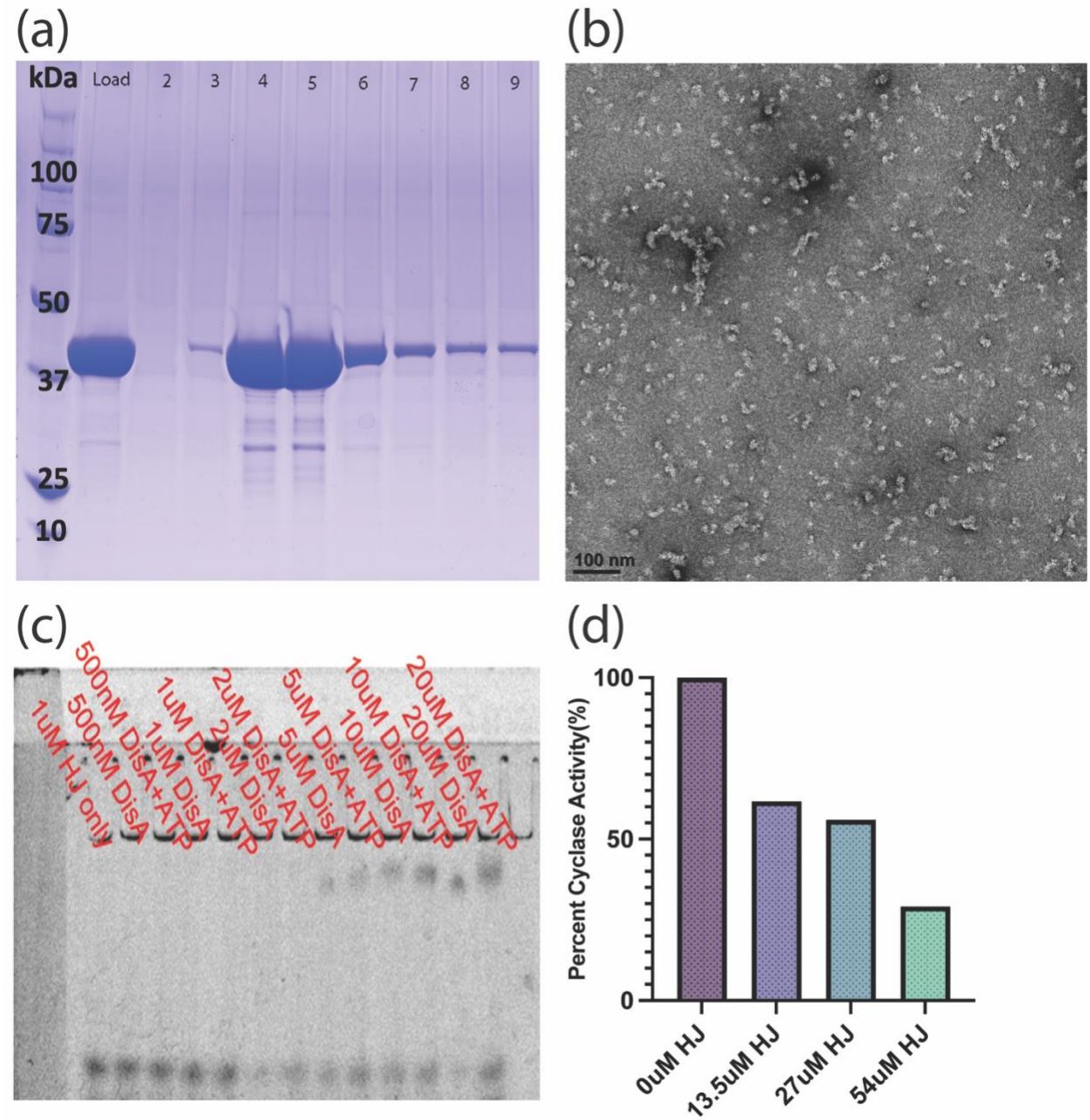

Figure 1 Mtb DisA purification and its inhibition by Holliday junction. (a) SDS-PAGE gel of Mtb DisA fractions after size exclusion chromatography. (b) Negative staining image of Mtb DisA using 2% uranyl acetate stain. (c) EMSA on DisA-Holliday junction complex. From left to right, 1uM of Holliday junction was incubated with increasing concentrations of DisA with and without 1 mM ATP. (d) Mtb DisA relative cyclase activity in the presence of Holliday junction (HJ). In all four reactions, concentration of DisA is 10uM whereas ATP is kept at 1mM.