



Supplementary figure 2 Chemical and conformational homogeneity of full-length *E.r.* maturase purified from *E.coli.* The elution profile from Superdex S200 gel-filtration column (10/300 GL, GE Healthcare) suggests the almost all purified full-length *E.r.* maturase exist as monodispersed species. SDS-PAGE stained by Comassie suggests that purified *E.r.* maturase has high chemical purity.