



Figure S1. Expression and purification of M4LysΔTMD. (A) Total proteins from *Escherichia coli* BL21(DE3) cells containing the recombinant plasmid after inducing by 0.5 mM of isopropyl- β -thiogalactopyranoside (IPTG) (T). The soluble form of recombinant M4LysΔTMD protein (24.5 kDa) was purified using affinity chromatography (P1-P4).