



Supplemental Figure: Formation of Ca^{2+} -CaM-MA and experimental mass in the presence and absence of NaCl. a) UV trace (lines) and MALLS experimental molar masses for Ca^{2+} -CaM (red \blacktriangle), MA (blue \bullet), and their complex (black \blacksquare) in 100 mM NaCl. The determined masses for Ca^{2+} -CaM (16400) and MA (13900) are close to their calculated values based on primary amino acid sequence (16706 and 14979 respectively). The protein complex separates into two peaks with experimental masses of 20400 and 15000, similar to those for free CaM and MA and indicating the absence of a strong interaction between the two components. **b)** UV trace (lines) and MALLS experimental molar masses for Ca^{2+} -CaM (red \blacktriangle), MA (blue \bullet), and their complex (black \blacksquare) in the absence of NaCl. The masses for the individual proteins Ca^{2+} -CaM (16700) and MA (12700) are similar to the predicted values, while the complex elutes as a single peak (M_r 29900) indicating the formation of a complex with 1:1 stoichiometry.