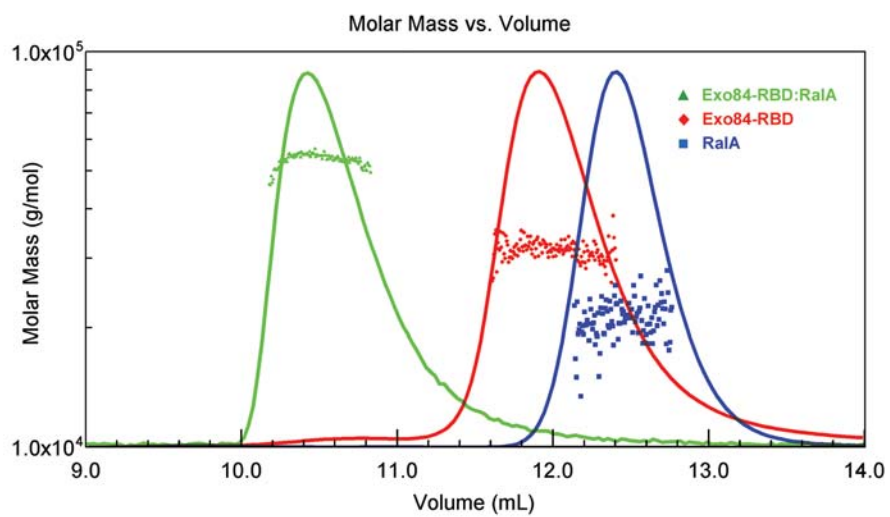


Supplemental Figure 1. Exo84-RBD dimerizes in solution.

The purified Exo84-RBD (167-286), RalA-GMPPNP, and the Exo84-RBD:RalA complex were analyzed by SEC-MALLS with in line refractive index detection. The solid lines correspond to A_{280} UV traces of the proteins. The dotted lines indicate the measured molecular weight distribution. The calculated molecular weight values for Exo84-RBD, RalA, and the Exo84-RBD:RalA complex are 31.5 ± 0.9 kDa, 21.2 ± 1.5 kDa, and 53.5 ± 0.7 kDa, respectively. The theoretical monomeric molecular weights of Exo84-RBD and RalA are 14.4 kDa and 20.0 kDa, respectively. It suggests that Exo84-RBD dimerizes in solution while RalA is a monomer. The measured molecular weight for the Exo84-RBD:RalA complex indicates mixed species.



Supplemental Figure 1 (Jin, R. *et al*)