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 $31.5 \pm 0.9$ kDa, $21.2 \pm 1.5$ kDa, and $53.5 \pm 0.7$ 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)