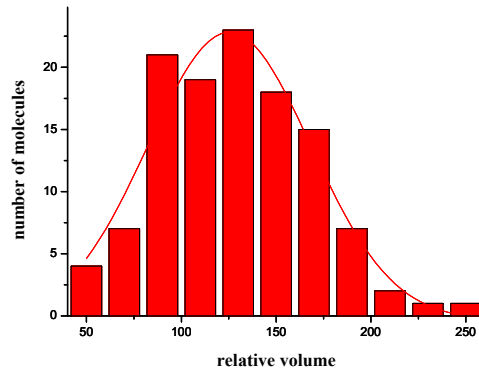
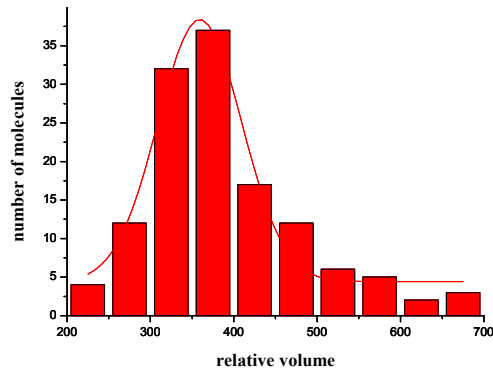


**A****B****C**

Protein	Volume <sup>a</sup>	SEM	No. molecules	Size (kDa)
Ku70/80	125	3.4	108	155
RM	359	4.2	130	444 <sup>b</sup>

**Supplementary Figure S2.** The size of RM complex estimated from SFM-based volume analysis of RM and Ku heterodimer. Volume distribution of Ku heterodimer (A) and RM complex (B). The lines represent the Gaussian fitting of the distribution and the values obtained are used to calculate the size of RM (C).

<sup>a</sup> arbitrary units

<sup>b</sup> Molecular weight of RM is determined by multiplying the measured number of Ku70/80 equivalents for RM with the size of the Ku70/80 protein (155 kDa).