



**Figure 7–figure supplement 1—source data 1.** Original files for western blot analysis displayed in Figure 7–figure supplement 1. Purified original recombinant proteins (without site-directed acetylation modification) without Kac modifications, validated by Western blot. 1: SUN, 2: ENO, 3 ArcA-2, CK: Kac-BSA, M: prestained protein marker. CK is Kac-BSA as a positive control. The lower section presents the PVDF membrane R350 staining for the loading amount control.