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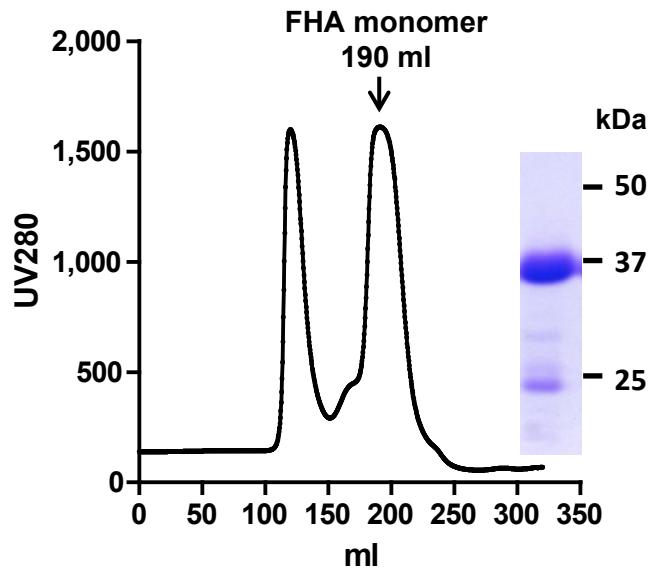
**A highly sensitive and robust non-radioactive activity assay for AMP-activated protein kinase (AMPK)**

**Supplementary Figures**

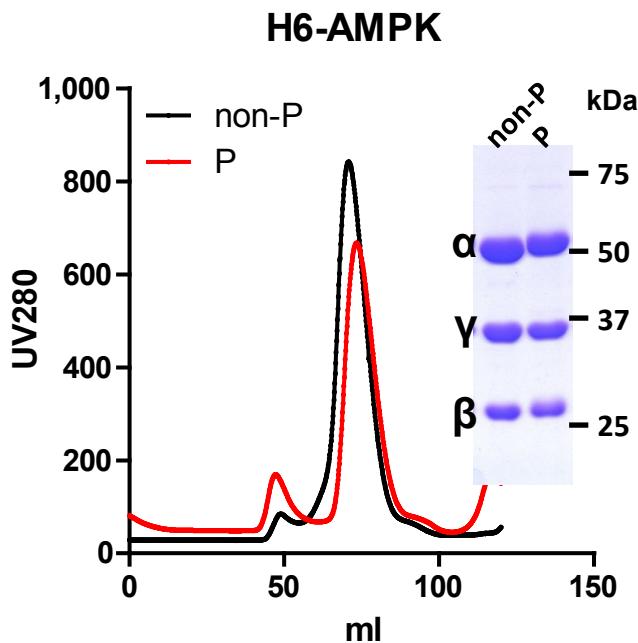
**Supplementary Figure 1. Size exclusion chromatography and SDS PAGE profiles of purified proteins. (A) H6GST-FHA[Rad53(22-162)], (B) H6- $\alpha_1$ (13-550)- $\beta_1$ (68-270; S108D)- $\gamma_1$ -AMPK, and (C) MBP- $\alpha_1$ (13-550)- $\beta_1$ (68-270; S108D)- $\gamma_1$ (24-327)-AMPK. Black line: non-phosphorylated (non-P) AMPK; red line: phosphorylated AMPK (P).**

**Fig. S1**

(a)



(b)



(c)

