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## In vitro phosphorylation

Leonardo A Parra-Rivas<sup>1</sup>

<sup>1</sup>University of California, San Diego

Subhojit Roy Lab



Leonardo A Parra-Rivas  
University of California, San Diego

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### ABSTRACT

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**Protocol status:** Working  
We use this protocol and it's working

**Created:** Nov 12, 2023

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- 1** 5 µg of α-syn GST fusion protein on beads were resuspended in a buffer containing 20 mM HEPES, 1 mM ATP, 10 mM MgCl<sub>2</sub>, 2 mM DTT, pH 7.4.
  
- 2** The reaction was initiated by adding 1 ug of human recombinant PLK2 (Abcam, Cat#ab102108) and incubating at 30 °C with orbital shaking overnight (Eppendorf ThermoMixer F1.5).
  
- 3** Samples were then analyzed by NuPAGE and immunoblotted or alternatively analyzed by LC-MS/MS