

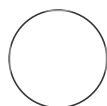


JUL 25, 2023

# 🌐 HEK293 cell culture for co-immunoprecipitation experiments

Dan  
Dou<sup>1</sup>, Erika Holzbaur<sup>1</sup>

<sup>1</sup>University of Pennsylvania



Dan Dou

## OPEN ACCESS

**DOI:**  
[dx.doi.org/10.17504/protocols.io.kxygx3zeog8j/v1](https://dx.doi.org/10.17504/protocols.io.kxygx3zeog8j/v1)

**Protocol Citation:** Dan Dou, Erika Holzbaur 2023. HEK293 cell culture for co-immunoprecipitation experiments. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.kxygx3zeog8j/v1>

**License:** This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

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

**Created:** Jul 20, 2023

**Last Modified:** Jul 25, 2023

**PROTOCOL integer ID:**  
85308

**Keywords:** ASAPCRN

## ABSTRACT

Here, we describe HEK293 cell culture for the purpose of co-immunoprecipitation experiments

## BEFORE START INSTRUCTIONS

Cells should be routinely tested for mycoplasma contamination using MycoAlert detection kit (Lonza, LT07)

**1** Culture HEK293 cells in DMEM (Corning) supplemented with 10% fetal bovine serum (HyClone)

- 2** Maintain cells at 37 degrees Celsius with 5% CO<sub>2</sub>
  
- 3** In preparation for co-immunoprecipitation experiments, passage HEK cells with Trypsin onto three 10 cm tissue culture dishes per experimental condition, at a density of 1:10
  
- 4** 24 hours later, transfect using FuGENE 6 (6-12 µg total plasmid DNA; Promega)