Jul 25, 2023

HEK293 cell culture for co-immunoprecipitation experiments

DOI
https://dx.doi.org/10.17504/protocols.io.kxygx3zeog8j/v1

Dan Dou[1], Erika Holzbaur[1]

[1]University of Pennsylvania

Dan Dou
University of Pennsylvania

DOI: 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

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

Created: July 20, 2023

Last Modified: May 31, 2024

Protocol Integer ID: 85308

Keywords: ASAPCRN, hek293 cell culture, hek293 cell culture for the purpose, cell culture, cell

Funders Acknowledgements:
ASAP
Grant ID: ASAP-000350

Abstract

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

Before start

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_2

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)