HEK293 cell culture for co-immunoprecipitation experiments

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We use this protocol and it's working

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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_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)