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siRNA-mediated knockdown of TFE3

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

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Abstract

This protocol details siRNA-mediated knockdown of TFE3.

Attachments

DOCX

746-1907.docx

15KB

Materials

Reagents required

- RNAiMAX (Invitrogen)
- Opti-MEM (Invitrogen)

siRNA-mediated knockdown of TFE3

1h 30m

1 On the day before transfection, plate 100,000 cells per well in a 6 well dish.

2 Change media 01:00:00 before transfection (2 mL with no antibiotics). 1h

3 The next day, assemble the siRNA transfection reaction by combining 7.5 µL of [M] 20 micromolar (µM) siRNA, 5 µL RNAiMAX transfection reagent (Invitrogen), and 500 µL Opti-MEM (Invitrogen) in a sterile 1.7ml tube.

4 Incubate transfection mix at Room temperature for 00:30:00 . 30m

5 After incubation, add the transfection mixture drop wise to the cells.

6 Collect the lysates for immunoblotting 2 days post-transfection.