

HEK293T SCLC-22H | 300445

HEK293T SCLC-22H - HEK293T SCLC-22H

Tumorigenic	Yes, tumorigenic in immunodeficient mice
Reverse transcriptase	None
Karyotype	46,XX,XXYY,43

HEK293T

Culture Medium	RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO ₃ (HEK293T Supplemental Media Cytion 820700a)
Supplements	HEK293T Supplemental Media 10% FBS
Subculturing	HEK293T Supplemental Media 5-6 passages, HEK293T Supplemental Media 5-6 passages, HEK293T Supplemental Media 5 x 10
Seeding density	1 x 10 ⁵ cells/cm ²
Fluid renewal	1 x 2 days
Freeze medium	HEK293T Supplemental Media 50% HEK293T Supplemental Media + 40% FBS + 10% DMSO, HEK293T Supplemental Media Cytion 800100, HEK293T Supplemental Media

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Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed tube.
2. Add 1 mL of complete medium to the tube. Centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 100 µL of complete medium.
3. Seed the cells into a 96-well plate (100 µL per well). Incubate at 37°C with 5% CO₂ for 24 hours.
4. After 24 hours, the cells should be at 70% confluency.
5. Harvest the cells by adding 150 µL of lysis buffer to each well. Incubate for 8 minutes.
6. Add 300 µg of protein per well. Store at -80°C.
7. After 10 minutes, add 10 µL of lysis buffer. Incubate for 10 minutes. Store at -80°C.
8. Store the samples at -80°C until analysis.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Coated with poly-D-lysine

Freezing Procedure

Freeze cells in 100 µL of freezing medium in a 1.5 mL microcentrifuge tube at -80°C.

Shipping Conditions

Store at -80°C during shipping.

Storage Conditions

Store at -150°C for up to 196 weeks.

HLA

Sterility

PCR products are sterile.

Cells are sterile.

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██████ HLA

A*: '01:01:01, '32:01:01

B*: '27:05:02, '51:01:01

C*: 02:02:02

DRB1*: '04:01:01, '09:01:02G

DQA1*: 03:01:01, 03:02:01

DQB1*: 03:02:01, 03:03:02

DPB1*: '02:01:02, '04:01:01

E: 01:01:01