RLE-6TN

305350

GENERAL INFORMATION

Description

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Tissue	□□□

Synonyms

- Rat Lung Epithelial-6-T-antigen Negative

CLASSIFICATION

Organism	Rat
Sex	Male
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	□□□□□□□□□□□
Tumourigenic	□□□ □□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

Cytion GmbH
Nikola-Tesla-Str. 3
69124 Heidelberg
Tel: +49 (0)6221 405780
info@cytion.com
cytion.com

Registered office Heidelberg
VAT ID: DE283292917
Local court Mannheim - HRB 714394
CEO / Geschäftsführer: Jonathan Steubing

Banking information
Sparkasse Heidelberg
IBAN: DE35 6725 0020 0009 2076 86
BIC: SOLADES1HDB

Karyotype

มีการรายงานว่า □ซลล์ยังคงมีลักษณะใกล้ □คียงกับไดพลอยด์และมีความคงที่ทางโครโมโซม ตั้งแต่การผ่านรุ่นที่ 19-70 โดยมี □ซลล์ร้อยละ 50 หรือมากกว่าที่มีโครโมโซม 42 แท่ง ในรุ่นที่ 37 พบการ □คลื่อนย้ายระหว่างโครโมโซมที่ 1 และ 15 ซึ่งส่งผลให้ □กิดไตรโซมีของแขน q ของโครโมโซม □ี □ 1

IDENTIFIERS

Citation

RLE-6TN (หมาย □ลขแคตตาล็อก Cytion 305350)

NCBI TaxID	10116
Cellosaurus	CVCL_4693

EXPRESSION AND SUSCEPTIBILITY

Antigen expression

ไซโต □คราติน 8; ไซโต □คราติน 19

Viruses

□อสวี 40

HANDLING AND CULTURE

Culture medium

DMEM:Ham's F12 (1:1), w: 3.1 กรัม /ลิตร กล □โคส , w: 2.5 มิลลิโมลาร์ L-กลูตามีน , w: 15 มิลลิโมลาร์ HEPES, w: 0.5 มิลลิโมลาร์ โซ □ดียมไพรู □วต , w: 1.2 กรัม /ลิตร NaHCO3 (หมาย □ลขบทความ Cytion 820400a)

Incubation atmosphere	37°C, 5%CO2, บรรยากาศชื้น

Supplements

□ติมอาหาร □ลี้ยง □ชื้อด้วย FBS 5%

Dissociation reagent	แอคคู □ทส
Fluid renewal	2 ถึง 3 ครั้งต่อสัปดาห์

Thawing and culturing

Confirm that the vial remains deeply frozen upon delivery, as cells are shipped on dry ice to maintain optimal temperatures during transit.
Upon receipt, either store the cryovial immediately at temperatures below -150°C to ensure the preservation of cellular integrity, or proceed to step 3 if immediate culturing is required.
For immediate culturing, swiftly thaw the vial by immersing it in a 37°C water bath with clean water and an antimicrobial agent, agitating gently for 40-60 seconds until a small ice clump remains.
Perform all subsequent steps under sterile conditions in a flow hood, disinfecting the cryovial with 70% ethanol before opening.
Carefully open the disinfected vial and transfer the cell suspension into a 15 ml centrifuge tube containing 8 ml of room-temperature culture medium, mixing gently.
Centrifuge the mixture at 300 x g for 3 minutes to separate the cells and carefully discard the supernatant containing residual freezing medium.
Gently resuspend the cell pellet in 10 ml of fresh culture medium. For adherent cells, divide the suspension between two T25 culture flasks; for suspension cultures, transfer all the medium into one T25 flask to promote effective cell interaction and growth.
Adhere to established subculture protocols for continued growth and maintenance of the cell line, ensuring reliable experimental outcomes.

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QUALITY CONTROL AND CRYOPRESERVATION

Sterility

[illegible] PCR [illegible]

[illegible] [illegible] [illegible] [illegible]

Freeze medium	[illegible] [illegible] ([illegible] FBS) + 10% DMSO [illegible] [illegible] CM-1 ([illegible] Cytion 800100) [illegible]

Storage conditions

[illegible] [illegible] −150 [illegible] −196 °C [illegible] −80 °C [illegible]

Shipping conditions

[illegible] [illegible] −78 °C [illegible] [illegible] [illegible]

DONOR

Donor age	56 [illegible]

LEGAL AND SAFETY

Safety precautions

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Warranty

[illegible]Cytion [illegible]
[illegible]
60 [illegible]
[illegible]
[illegible] [illegible]/[illegible]
[illegible] [illegible]
<a href=""/Who-we-are/Warranty/"" hreflang=""x-default"">[illegible].

Material Transfer Agreement required	Yes