PT-67

305483

GENERAL INFORMATION

Description

[illegible] PT-67 [illegible] [illegible] PT-67 [illegible] NIH 3T3 [illegible] 10A1 (MLV) [illegible] (Glvr-1 [illegible] Pit-1) [illegible] Ram-1 (Pit-2).

[illegible] PT-67 [illegible] 10A1 [illegible] Glvr-1 [illegible] Ram-1 [illegible] PT-67 [illegible]

[illegible] 10A1-pseudotyped [illegible] NIH 3T3 [illegible] 10A1 [illegible] Ram-1 [illegible] Glvr-1 [illegible]

[illegible] PT-67 [illegible] (helper virus-free) [illegible] PT-67 [illegible] PT-67 [illegible]

Tissue	[illegible]

Synonyms

- RetroPack PT67
- PT-67

CLASSIFICATION

Organism	Mouse
Sex	Male
Growth properties	Adherent
GMO status	GMO-S1

GMO status details

GMO-S1: This murine NIH-3T3-derived packaging cell line (PT-67) contains a circularly permuted clone of the 10A1 retrovirus delivered via B6 plasmid transfection, supporting production of amphotropic retroviral particles. The inserts are stably present. This classification applies only within Germany and may differ elsewhere.

Biosafety level	2

CHARACTERISTICS

Morphology	ไฟโบรบลา □□์
Cell type	ไฟโบรบลา □□์

IDENTIFIERS

Citation

PT-67 (หมายเลขในแคตตาล็อก Cytion 305483)

NCBI TaxID	10090
Cellosaurus	CVCL_9093

HANDLING AND CULTURE

Culture medium

DMEM, w: 4.5 กรัม /ลิตร กลูโค □, w: 4 มิลลิโมลาร์ แอล -กลูตามีน , w: 3.7 กรัม /ลิตร NaHCO3, w: 1.0 มิลลิโมลาร์ โซเดียมไพรูเวต (หมายเลขบทความ Cytion 820300a)

Incubation atmosphere	37°C, 5%CO2, บรรยากาศชื้น

Supplements

เติมอาหารเลี้ยงเชื้อด้วย FBS 10%

Dissociation reagent	แอคคูเท □
Seeding density	2–4 × 10^4/cm²
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.

QUALITY CONTROL AND CRYOPRESERVATION

Sterility

การปนเปื้อนของไมโคพลา □มาถูกตัดออกโดยใช้ทั้งการทด □อบแบบ PCR และการตรวจหาไมโคพลา □มาโดยใช้วิธีการเรืองแ □ง

เพื่อให้แน่ใจว่าไม่มีการปนเปื้อนของแบคทีเรีย เชื้อรา หรือยี □ต์ การเพาะเลี้ยงเซลล์จะถูกตรวจ □อบด้วย □ายตาทุกวัน

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

Storage conditions

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

Shipping conditions

[illegible] −78 °C [illegible]

DONOR

Donor age	[illegible]

LEGAL AND SAFETY

Safety precautions

[illegible]

Warranty

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

Material Transfer Agreement required	Yes