□ซลล์ ZR-75-1

300163

□ซลล์ไลน์นี้ถูกสร้างขึ้นในปี 1978 โดย Engel และคณะ จาก □□□□ในช่องท้องที่ □ป็นมะ □ร็ง

GENERAL INFORMATION

Description

□ซลล์ไลน์นี้ถูกสร้างขึ้นในปี 1978 โดย Engel และคณะ จาก □□□□ในช่องท้องที่ □ป็นมะ □ร็ง

Tissue	□ต้านม
Disease	มะ □ร็งชนิดคาร์ซินอมา
Metastatic site	□□□□ในช่องท้อง

Synonyms

- Zr-75-1
- ZR751
- ZR75-1
- ZR75.1
- ZR75_1

CLASSIFICATION

Organism	Human
Sex	Female
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	ลักษณะคล้าย □ยื่อบุผิว
Tumourigenic	ใช่ , ก่อให้ □กิด □นื้องอกในหนูที่ไม่มีขน
Doubling time	80 ชั่วโมง

IDENTIFIERS

Citation

ZR-75-1 (หมาย □ลขแคตตาล็อก Cytion 300163)

NCBI TaxID	9606
Cellosaurus	CVCL_0588

EXPRESSION AND SUSCEPTIBILITY

Isoenzymes

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Banking information
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Products

□□□□□□□□□□ mRNA □□□□□□□□□□ MUC-1 □□□□□□□□□□□□, mRNA □□□ MUC-2 □□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□ MUC-3

HANDLING AND CULTURE

Culture medium

RPMI 1640, w: 2.0 mM □□□□□□□□□□□□□□□, w: 2.0 □□□□/□□□□ NaHCO3 (□□□□□□□□□□□□□□ Cytion 820700a)

Incubation atmosphere	37°C, 5%CO2, □□□□□□□□□□□□

Supplements

□□ FBS 10%, □□□□□□□□□□□□□□ 1 □□□□□□□□□□□, □□□ HEPES 25 □□□□□□□□□□□

Dissociation reagent	□□□□□□□□

Subculturing

□□ PBS □□□□□□□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□□ T25 □□□□□□ PBS 3-5 □□. □□□□□□□□□□□□□ T75 □□□□□□ 5-10 □□. □□□□□□□□□□□□□□□□ □□□□□□□□□□ Accutase □□□□□□ 1-2 □□. □□□□□□□□□□□ T25 □□□ 2.5 □□. □□□□□□□□□□□ T75□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□ 8-10 □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□ □ □□□□□□□□□□□□□□□□□□□□ 10 □□□ □□□□□□□□□□□□□□□□□□□□□□ 300 □□□□□□□□□□□□□□□□□□□□□□ (300xg) □□□□□□□□ 3 □□□□□ □□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□ □□ □□□□□□□□□□□

Seeding density	1 x 10^4 □□□□□/□□.^²
Fluid renewal	2 □□□ 3 □□□□□□□□□□□□□□□
Post-thaw recovery	□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□ 5 x 10^4 □□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□ □□□ □□□□□□□□□ 24 □□□□□□□

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

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Freeze medium	[illegible] [illegible] [illegible] ([illegible] FBS) + 10% DMSO [illegible] [illegible] CM-1 ([illegible] [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	63 [illegible]
Ethnicity	[illegible]

LEGAL AND SAFETY

Safety precautions

[illegible] [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

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