LS174T

300392

GENERAL INFORMATION

Description

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Tissue	□□□□□□□□□□□
Disease	□□□□□□□□□□□□□□□□□□

Synonyms

- Ls174T
- LS174t
- Ls-174-T
- LS-174-T
- LS 174 T
- LS174T
- Ls-174T
- LS 174T
- LS-174
- LS174

CLASSIFICATION

Organism	Human
Sex	Female
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	ลักษณะคล้าย □ยื่อบุผิว
Tumourigenic	ใช่ ในหนูที่ไม่มีขน

Karyotype

45,x โดยมีโครโมโซม x ขาดไปหนึ่งตัว แต่ไม่มีความผิดปกติของโครโมโซมอื่น

IDENTIFIERS

Citation

LS174T (หมาย □ลขแคตตาล็อก Cytion 300392)

NCBI TaxID	9606
Cellosaurus	CVCL_1384

EXPRESSION AND SUSCEPTIBILITY

Protein expression

โคลอนแอนติ □จน 3 บวก , ซีอี □อ บวก , พี 53 ลบ , จี □อฟ □อพี ลบ , □อ็มอาร์ □อ็น □อ □อ็กซ์ □พรสชั่น บวก

Antigen expression

HLA A2, B13, B50, กรุ๊ป □ลือด O

Isoenzymes

ADA, 1: G6PD, B, PGM1, 1, PGM3, 2, PGD, A, ES-D, 1, PEP-D, 1

Oncogenes

Myc +, myb + , ras +, fos +, p53 +, sis -, abl -, ros -, src -

Mutational profile

□ซลล์ LS-174T มีการกลายพันธุ์ในโคดอนที่ตำแหน่ง □ 12 ของยีน Kras: GGT(Wt Gly) >GAT(Asp)

Reverse transcriptase	□ชิงลบ

Products

แอนติ □จนคาร์ซิโน □อ็มบริโอนิก (CEA) 1944 นาโนกรัม /10^6 □ซลล์ ใน 10 วัน , มิวซิน , อิน □ตอร์ลิวคิน -10 (IL-10), อิน □ตอร์ลิวคิน -6 (IL-6)

HANDLING AND CULTURE

Culture medium

EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS (หมาย □ลขบทความ Cytion 820100a)

Incubation atmosphere	37°C, 5%CO2, บรรยากาศชื้น

Supplements

□ติมอาหาร □ลี้ยง □ชื้อด้วย FBS 10% และ NEAA 1%

Dissociation reagent	แอคคู □ทส

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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

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Subculturing

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

Seeding density	5 [illegible] 8 x 10^4 [illegible]/[illegible].
Fluid renewal	2 [illegible] 3 [illegible]
Post-thaw recovery	[illegible] 5 x 10^4 [illegible] 24 [illegible]

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

[illegible] PCR [illegible]

[illegible]

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]

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DONOR

Donor age	58 [illegible]
Ethnicity	[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