NCI-H838

305097

GENERAL INFORMATION

Description

□ายพันธุ์นี้ถูกแยกในปี 1984 จากต่อม □□□□เหลืองที่มีการแพร่กระจายของมะเร็งในผู้สูบบุหรี่ชายผิวขาวอายุ 59 ปีที่เป็นมะเร็งปอดชนิดไม่ใช่เซลล์เล็ก

Tissue	ปอด
Disease	มะเร็งต่อม □□□□เหลืองในปอด
Metastatic site	ต่อม □□□□เหลือง

Synonyms

- NCI-H838
- H-838
- NCIH838

CLASSIFICATION

Organism	Human
Sex	Male
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	เยื่อบุผิว
Doubling time	55 ชั่วโมง

IDENTIFIERS

Citation

NCI-H838 (หมายเลขแคตตาล็อก Cytion 305097)

NCBI TaxID	9606
Cellosaurus	[CVCL_1594]()

HANDLING AND CULTURE

Culture medium

RPMI 1640, w: 2.0 mM กลูตามีนเ □ถียร , w: 2.0 กรัม /ลิตร NaHCO3 (หมายเลขบทความ Cytion 820700a)

Incubation atmosphere	37°C, 5%CO2, บรรยากาศชื้น

Supplements

เติมอาหารเลี้ยงเชื้อด้วย FBS 10%

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IBAN: DE35 6725 0020 0009 2076 86
BIC: SOLADES1HDB

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Dissociation reagent	□□□□□□□□□

Subculturing

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Fluid renewal	2 □□□ 3 □□□□□□□□□□□□□□□□□□□□□□□

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	□□ □□□ (□□□□□□□ FBS) + 10% DMSO □□ □□□□ CM-1 (□□□□□□□□□ □□□□□□□□□□ Cytion 800100) □□

Storage conditions

□□ □□□ −150 □□□ −196 °C □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ −80 °C □□□

Shipping conditions

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DONOR

Donor age	59 □□

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Ethnicity	□□□□□

LEGAL AND SAFETY

Safety precautions

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Warranty

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<a href=""/Who-we-are/Warranty/"" hreflang=""x-default"">□□□□□□□□□□□□□□□□□□□.

Material Transfer Agreement required	Yes