DMS-114

305364

GENERAL INFORMATION

Description

DMS-114 [illegible] (SCLC) [illegible] SCLC [illegible] [illegible] DMS-114 [illegible] SCLC [illegible] YAP1 (SCLC-Y) [illegible] SMARCA4 [illegible] ATPase [illegible] SWI/SNF [illegible] RB1 [illegible] SCLC [illegible] TP53 [illegible] RB1 [illegible] [illegible] mRNA [illegible] SMARCA4 [illegible] [illegible] SMARCA4 (SMARCA4-UT) [illegible] SCLC [illegible] DMS-114 [illegible] SMARCA4-UT [illegible] [illegible] [illegible] [illegible]

[illegible] DMS-114 [illegible] SMARCA4 [illegible] SCLC [illegible] [illegible] SMARCA4 [illegible] SCLC[illegible] SCLC [illegible] SMARCA4 [illegible] DMS-114 [illegible] YAP1 [illegible] [illegible] [illegible]

Tissue	[illegible]
Disease	[illegible] SMARCA4

Synonyms

- DMS-114
- DMS114
- Darmouth Medical School 114

CLASSIFICATION

Organism	Human
Sex	Male
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Tumourigenic	[illegible] [illegible]

IDENTIFIERS

Citation

DMS-114 ([illegible] Cytion 305364)

NCBI TaxID	9606
Cellosaurus	CVCL_1174

EXPRESSION AND SUSCEPTIBILITY

Receptors expressed

ปัจจัยการ □จริญ □ติบโตของผิวหนัง (EGF), คอม □พล็กซ์ (CR3)

Protein expression

ยีนที่แสดงออก : adrenocorticotropin (ฮอร์โมน adrenocorticotropic, ACTH), bombesin, glucagon, 17 beta estradiol, oxytocin - neurophysin (OT-NP)

Antigen expression

Leu 7 บวก , My23 บวก , CD11b บวก

Mutational profile

การกลายพันธุ์ : SMARCA4, p.Glu1310Ter (c.3928G>T), ชนิดโฮโมไซโกต ; การกลายพันธุ์ : PARD3B, Ex2-14del, ชนิดโฮโมไซโกต ; การกลายพันธุ์ : TP53, p.Arg213Ter (c.637C>T), ชนิดโฮโมไซโกต

HANDLING AND CULTURE

Culture medium

MB 752/1 ขนาดกลาง ของ Waymouth (□ราไม่ได้จัดจำหน่ายผลิตภัณฑ์นี้ กรุณาพิจารณาผู้จัดจำหน่าย □ รายอื่น หากต้องการความช่วย □หลือ □พิ่ม □ติม กรุณาแจ้งให้ □ราทราบ)

Incubation atmosphere	37°C, 5%CO2, บรรยากาศชื้น

Supplements

□ติมอาหาร □ลี้ยง □ชื้อด้วย FBS 10%

Dissociation reagent	แอคคู □ทส
Fluid renewal	2 ค □ั □งต่อสัปดา □์

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

การปน □ปื้อนของไมโคพลาสมาถูกตัดออกโดยใช้ทั้งการทดสอบแบบ PCR และการตรวจหาไมโคพลาสมาโดยใช้วิธีการ □รืองแสง □พื่อให้แน่ใจว่าไม่มีการปน □ปื้อนของแบคที □รีย □ชื้อรา หรือยีสต์ การ □พาะ □ลี้ยง □ซลล์จะถูกตรวจสอบด้วยสายตาทุกวัน

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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	68 [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