

Nthy-ori 3-1 | 305606

General information

Description	Nthy-ori 3-1 is a human cell line derived from a patient with Nthy-ori 3-1. It is a highly tumorigenic cell line that grows in soft agar and forms tumors in nude mice. The cell line is characterized by its high tumorigenicity and its ability to form tumors in nude mice. It is a highly tumorigenic cell line that grows in soft agar and forms tumors in nude mice. The cell line is characterized by its high tumorigenicity and its ability to form tumors in nude mice.
Organism	Human
Tissue	Colon
Synonyms	Nthy ori 3.1, Nthy-ori 3.1, NTHY-ORI3.1, HTori-3.1

Characteristics

Age	35 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial
Cell type	Colon
Growth properties	Highly tumorigenic

References and safety

Citation	Nthy-ori 3-1 (ATCC CCL-2659) Cytion 305606
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2659

Additional information

SV40 Nthy-ori 3-1 | 305606

Viruses

SV40

Cell line

Culture Medium

RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements

10% FBS

Dissociation Reagent

Trypsin

Seeding density

$2-4 \times 10^4$ cells/ cm^2

Fluid renewal

2-3 times per week

Freeze medium

10% FBS, 10% DMSO, 90% FBS (Cytion 820700a) + 10% DMSO (Cytion 820700a) + 10% FBS (Cytion 820700a)

Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Transfer the cells to a 15 mL tube and add 10 mL of complete medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 mL of complete medium.
3. Seed the cells into a T25 flask containing 10 mL of complete medium.
4. Incubate the cells at 37°C in 5% CO_2 until they reach 70-80% confluency.
5. Pass the cells into a new T25 flask when they reach 70-80% confluency.
6. Repeat the process for the remaining cells.
7. Store the cells in liquid nitrogen for long-term storage.
8. Thaw the cells and seed them into a new T25 flask.

Incubation Atmosphere

37°C, 5% CO_2 , humidified

Product sheet

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Shipping
Conditions

Shipped in dry ice, stored at -78°C

Storage
Conditions

Store at -150 to -196 °C

Cell line

Sterility

PCR confirmed, mycoplasma free