

Product sheet

769-P | 300106

769-P

Description

769-P is a cell line derived from a 63-year-old male patient with renal cell carcinoma (RCC). The cells were established from a primary tumor and are characterized by their ability to grow in suspension and form colonies in soft agar. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor-1 (IGF-1). The cells are karyotypically normal and have a doubling time of approximately 48 hours. The cell line is highly tumorigenic and has been shown to form xenografts in nude mice. The cell line is currently held in the Leibniz Institute for Cell Culture Technology (LCC) and is available for research purposes.

Organism Human

Tissue Kidney

Disease Renal cell carcinoma

Synonyms 769P, 769-p

Characteristics

Age 63 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent, suspension

References

Citation 769-P (Cytion 300106)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1050

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
3. Once the cells have reached confluence, they can be used for experiments or passaged. Passaging should be performed when the cells reach 70-80% confluence.
4. For passaging, trypsinize the cells and resuspend them in a pre-warmed medium. Seed them into a new flask containing 15 mL of medium.
5. Incubate the cells at 37°C with 5% CO₂.
6. Once the cells have reached confluence, they can be used for experiments or passaged. Passaging should be performed when the cells reach 70-80% confluence.
7. For passaging, trypsinize the cells and resuspend them in a pre-warmed medium. Seed them into a new flask containing 15 mL of medium.
8. Incubate the cells at 37°C with 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for up to 196 months.

Genotype / HLA

Sterility The cells are free of mycoplasmas and other contaminants. PCR screening is performed for mycoplasmas.

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██████████ HLA **A***: '03:01:01, '24:02:01
B*: 07:02:01
C*: 07:02:01
DRB1*: 15:01:01G
DQA1*: 01:02:01
DQB1*: 06:02:01
DPB1*: 04:01:01
E: 01:03:02