

HROC69 | 300828

General Information

Description	Cell line derived from a 62-year-old female patient with endometrial adenocarcinoma (PD Dr. Michael Linnebacher)
Organism	Human
Tissue	Endometrium, UICC IIIa
Disease	Endometrial adenocarcinoma, TNM T3N0M1R0L0V0, G3, Lk(n) + 0, Σ Lk(n) 34
Synonyms	HROC69P

Patient Information

Age	62 years
Gender	Female
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification and Safety

Citation	HROC69 (Cell Line Catalogue Cytion 300828)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1G06

Protein Expression and Analysis

Protein expression	High expression of various proteins, including Toll (TLR) 3, 4, 7, 8, and PTEN.
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Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath, and transfer the cells to a pre-warmed T25 flask containing 10 ml of complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency. Do not over-confluence the cells.
3. Seed the cells into a 96-well plate (100 µl/well) at a density of 100,000 cells per well. Incubate at 37°C in 5% CO₂ until the cells reach 70-80% confluency.
4. Harvest the cells by trypsinization and resuspend in 1 ml of complete DMEM medium. Seed into a 96-well plate (100 µl/well) at a density of 100,000 cells per well.
5. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency. Do not over-confluence the cells.
6. Harvest the cells by trypsinization and resuspend in 1 ml of complete DMEM medium. Seed into a 96-well plate (100 µl/well) at a density of 100,000 cells per well.
7. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency. Do not over-confluence the cells.
8. Harvest the cells by trypsinization and resuspend in 1 ml of complete DMEM medium. Seed into a 96-well plate (100 µl/well) at a density of 100,000 cells per well.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Harvest cells by trypsinization and resuspend in 1 ml of complete DMEM medium. Seed into a 96-well plate (100 µl/well) at a density of 100,000 cells per well. Incubate at 37°C in 5% CO₂ until they reach 70-80% confluency.

Shipping Conditions Harvest cells by trypsinization and resuspend in 1 ml of complete DMEM medium. Seed into a 96-well plate (100 µl/well) at a density of 100,000 cells per well. Incubate at 37°C in 5% CO₂ until they reach 70-80% confluency.

Storage Conditions Harvest cells by trypsinization and resuspend in 1 ml of complete DMEM medium. Seed into a 96-well plate (100 µl/well) at a density of 100,000 cells per well. Incubate at 37°C in 5% CO₂ until they reach 70-80% confluency.

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Sterility The cells are provided in a sterile, cryoprotected medium. The cells are not tested for mycoplasma contamination. The cells are not tested for endotoxin contamination. The cells are not tested for adventitious agents.