

Product sheet

HROC257 | 300814

General information

Description	Cell line derived from a 84-year-old male patient with a primary tumor of the prostate gland (PD Dr. Michael Linnebacher) [redacted]
Organism	Human
Tissue	Prostate gland, UICC IV
Disease	Prostate adenocarcinoma, TNM T4N2Mx, R1L1V1 G3, Lk(n) +8, Σ Lk(n) 15
Synonyms	HROC257P

Patient information

Age	84 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	HROC257 (HROC257 Cytion 300814)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1U96

Protein expression

Protein expression	PTEN
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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 adhered, replace the medium with fresh pre-warmed medium. Incubate at 37°C with 5% CO₂.
4. When the cells reach confluence, passage them into a new flask. Use a trypsin solution to detach the cells.
5. Seed the cells into a new flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
6. Once the cells have reached confluence, passage them into a new flask. Use a trypsin solution to detach the cells.
7. Seed the cells into a new flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
8. Once the cells have reached confluence, passage them into a new flask. Use a trypsin solution to detach the cells.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Seed cells into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.

Shipping Conditions Store at -80°C

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

Genotype / Phenotype / HLA

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