

Product sheet

HROC39 | 300820

General information

Description	Cell line derived from a 69-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [redacted]
Organism	Human
Tissue	Colon, UICC IIb
Disease	Colorectal adenocarcinoma, TNM T4N0M0R0L0V1, G3, Lk(n) + 0, Σ Lk(n) 34
Synonyms	HROC39P

Patient information

Age	69 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	HROC39 (Cell Line) Cytion 300820
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1U81

Protein expression

Protein expression	PTEN
---------------------------	------

HEK293T HROC39 | 300820

**Thawing and
Culturing Cells**

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed T25 flask containing 10 ml of complete DMEM medium.
2. Incubate the cells in a humidified 5% CO₂ incubator at 37°C. The cells should reach 70-80% confluency within 24-48 hours.
3. Once cells reach 70-80% confluency, passage them into a new T25 flask with fresh complete DMEM medium.
4. Repeat the passage process as needed to maintain a healthy cell culture.
5. For long-term storage, harvest cells and resuspend in freezing medium. Store at -80°C.
6. Thaw frozen cells in a 37°C water bath and transfer to a T25 flask with fresh complete DMEM medium.
7. Incubate cells until they reach 70-80% confluency.
8. Harvest cells for downstream applications.

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.

HEK293T / HEK293T / HLA

Sterility The cells are free of mycoplasma contamination. PCR screening confirmed.