

Product sheet

HROC131 T0 M3 | 300805

General information

Description	Cell line derived from a 75-year-old male patient with colorectal adenocarcinoma (PD Dr. Michael Linnebacher) [redacted]
Organism	Human
Tissue	Colorectal adenocarcinoma, UICC IIIa, [redacted] CRC [redacted] (TNM T3N1M0R0L0V0, G3, Lk(n))
Disease	Colorectal adenocarcinoma
Synonyms	HROC131, HROC131x

Donor information

Age	75 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	HROC131 T0 M3 (Cytion 300805)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D13

Protein expression

Protein expression	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.
3. Seed the cells into a 96-well plate (100,000 cells per well) in DMEM medium supplemented with 10% FBS.
4. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
5. Seed the cells into a 96-well plate (100,000 cells per well) in DMEM medium supplemented with 10% FBS.
6. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.
7. Seed the cells into a 96-well plate (100,000 cells per well) in DMEM medium supplemented with 10% FBS.
8. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Seed cells into a cryovial (1-2 x 10⁶ cells) in DMEM medium supplemented with 10% FBS and 10% DMSO. Store at -80°C.

Shipping Conditions Store at -80°C.

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

HEK293T / HEK293T / HLA

Sterility The cells are provided in a sterile, cryoprotected medium. PCR genotyping confirmed the absence of mycoplasma contamination.