

Product sheet

HROC183 | 300809

General information

Description	Cell line derived from a 59-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [redacted]
Organism	Human
Tissue	Colon, UICC IIIb
Disease	Colorectal adenocarcinoma, TNM T3N2M0R0L1V0, G3, Lk(n) +12, Σ Lk(n) 12
Synonyms	HROC183P

Patient information

Age	59 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	HROC183 (HROC183 Cytion 300809)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D16

Protein expression

Protein expression	PTEN
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HEK293T HROC183 | 300809

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 5 ml of DMEM supplemented with 10% FBS.
2. Incubate the cells for 24 hours at 37°C in 5% CO₂ to allow the cells to attach and recover from the freezing process.
3. After 24 hours, the medium should be replaced with DMEM supplemented with 10% FBS. The cells should be incubated for 37 hours at 37°C in 5% CO₂ to reach confluence.
4. Once the cells are confluent, the medium should be replaced with DMEM supplemented with 10% FBS. The cells should be incubated for 70% confluence.
5. The cells should be incubated for 15 minutes at 37°C in 5% CO₂ to reach confluence.
6. The cells should be incubated for 300 x g for 3 minutes at 37°C in 5% CO₂ to reach confluence.
7. The cells should be incubated for 10 minutes at 37°C in 5% CO₂ to reach confluence.
8. The cells should be incubated for 10 minutes at 37°C in 5% CO₂ to reach confluence.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium, 10% FBS

Freezing Procedure Harvest cells at 70-80% confluence, resuspend in DMEM supplemented with 10% FBS, and freeze at -80°C.

Shipping Conditions Store at -80°C, protected from light.

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 screening is recommended to ensure the absence of mycoplasma contamination.