

HROC87 T0 M2 | 300831

General information

Description	Cell line derived from a 76-year-old male patient with colorectal adenocarcinoma (PD Dr. Michael Linnebacher) [REDACTED]
Organism	Human
Tissue	Colorectal adenocarcinoma, UICC IIA, [REDACTED] CRC [REDACTED] (TNM T3N0M0R0L0V0, G3, Lk(n))
Disease	Colorectal adenocarcinoma
Synonyms	HROC87, HROC87x

Donor information

Age	76 years
Gender	Male
Ethnicity	[REDACTED]
Morphology	[REDACTED]
Growth properties	[REDACTED]

Identification and safety

Citation	HROC87 T0 M2 ([REDACTED] Cytion 300831)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_S854

Genetic and 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 T75 flask containing 15 ml of DMEM supplemented with 10% FBS. Gently mix the cells and incubate for 24 hours.
2. After 24 hours, remove the FBS and replace with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
3. After 24 hours, remove the FBS and replace with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
4. After 24 hours, remove the FBS and replace with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
5. After 24 hours, remove the FBS and replace with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
6. After 24 hours, remove the FBS and replace with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
7. After 24 hours, remove the FBS and replace with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
8. After 24 hours, remove the FBS and replace with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Cell culture medium, 10% FBS

Freezing Procedure Harvest cells and resuspend in DMEM supplemented with 10% FBS. Freeze at -80°C.

Shipping Conditions Cells should be shipped at -80°C.

Storage Conditions Cells should be stored at -150°C for up to 196 days.

HEK293T / HEK293T / HLA

Sterility Cells are provided as a suspension in DMEM supplemented with 10% FBS. PCR genotyping is available upon request.