

Product sheet

**HROC107 | 300845**

**General information**

<b>Description</b>	Cell line derived from a 74-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [redacted]
<b>Organism</b>	Human
<b>Tissue</b>	Colon, UICC IV
<b>Disease</b>	Colorectal adenocarcinoma, TNM T3N2M1R0L1V0, G2, Lk(n) +10, $\Sigma$ Lk(n) 18
<b>Synonyms</b>	HROC107 cT0 M2

**Patient information**

<b>Age</b>	74 years
<b>Gender</b>	Male
<b>Ethnicity</b>	German
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

**Identification and safety**

<b>Citation</b>	HROC107 (Cell Line) Cytion 300845
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1D11

**Genetic and protein information**

<b>Protein expression</b>	PTEN
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**HEK293T HROC107 | 300845**

**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% CO<sub>2</sub> 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.
4. Once the cells are fully attached, the medium should be replaced with DMEM supplemented with 10% FBS.
5. After 24 hours, the medium should be replaced with DMEM supplemented with 10% FBS.
6. Once the cells are fully attached, the medium should be replaced with DMEM supplemented with 10% FBS.
7. After 24 hours, the medium should be replaced with DMEM supplemented with 10% FBS.
8. Once the cells are fully attached, the medium should be replaced with DMEM supplemented with 10% FBS.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** None

**Freezing Procedure** Harvest cells into a T25 flask, wash with PBS, and resuspend in DMEM supplemented with 10% FBS. Seed into a T25 flask containing 5 ml of DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C in 5% CO<sub>2</sub>.

**Shipping Conditions** Dry ice, -78°C

**Storage Conditions** -150°C, 196 liquid nitrogen

**HEK293T HROC107 / HEK293T HROC107 / HLA**

**Sterility** The cells are provided in a sterile, cryoprotected medium. The cells are not tested for mycoplasma contamination.