

Product sheet

HROC334 | 300850

General information

<b>Description</b>	Cell line derived from a 69-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [ref]
<b>Organism</b>	Human
<b>Tissue</b>	Colon, UICC IIA, TNM T3N0M0R0L0V0, G2, Lk(n) +0, Σ Lk(n) 40
<b>Disease</b>	Colorectal adenocarcinoma

Patient information

<b>Age</b>	69 years
<b>Gender</b>	Male
<b>Ethnicity</b>	German
<b>Morphology</b>	Adenocarcinoma
<b>Growth properties</b>	Adherent

Identification and classification

<b>Citation</b>	HROC334 (Cytion 300850)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellSaurusAccession</b>	CVCL_1D18

Genetic and molecular characteristics

<b>Protein expression</b>	PTEN
<b>Tumorigenic</b>	Yes, tumorigenic in nude mice



**HEK293T HROC334 | 300850**

**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 complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
3. Seed the cells into a 24-well plate (1.5 x 10<sup>6</sup> cells per well) in complete DMEM medium.
4. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
5. Harvest the cells by trypsinization and resuspend in complete DMEM medium.
6. Seed the cells into a 24-well plate (1.5 x 10<sup>6</sup> cells per well) in complete DMEM medium.
7. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
8. Harvest the cells by trypsinization and resuspend in complete DMEM medium.

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

**Flask Coating** Cell culture medium

**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 mycoplasmas and PCR detectable viruses.