

Product sheet

HROC357 | 300851

General information

<b>Description</b>	Cell line derived from a patient with a primary tumor (PD Dr. Michael Linnebacher)
<b>Organism</b>	Human
<b>Tissue</b>	Colon
<b>Disease</b>	Colorectal adenocarcinoma, TNM T3N0M0R0L0V0, G2, Lk(n) +0, $\Sigma$ Lk(n) 25
<b>Metastatic site</b>	None

Patient information

<b>Age</b>	77 years
<b>Gender</b>	Male
<b>Ethnicity</b>	German
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

Identification

<b>Citation</b>	HROC357 (HROC357 Cytion 300851)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_AP61

Characterization

<b>Tumorigenic</b>	Yes, in nude mice
<b>Viruses</b>	SV40, JC/BK, HBV, HCV, HIV.



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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 5 ml of complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency. Do not overconfluence the cells.
3. Seed the cells into a 96-well plate (100,000 cells per well) and incubate at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
4. Harvest the cells by trypsinization and resuspend in complete DMEM medium. Seed the cells into a T25 flask at 70% confluency.
5. Harvest the cells by trypsinization and resuspend in complete DMEM medium. Seed the cells into a T25 flask at 15 x 10<sup>6</sup> cells per flask.
6. Harvest the cells by trypsinization and resuspend in complete DMEM medium. Seed the cells into a T25 flask at 300 x g and 3 x 10<sup>6</sup> cells per flask.
7. Harvest the cells by trypsinization and resuspend in complete DMEM medium. Seed the cells into a T25 flask at 10 x 10<sup>6</sup> cells per flask.
8. Harvest the cells by trypsinization and resuspend in complete DMEM medium. Seed the cells into a T25 flask at 10 x 10<sup>6</sup> cells per flask.

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

**Flask Coating** Cell culture medium, 10 minutes

**Freezing Procedure** Harvest cells by trypsinization and resuspend in freezing medium. Seed the cells into a cryovial at 10<sup>6</sup> cells per vial and freeze at -78°C.

**Shipping Conditions** Store at -78°C. Ship in a dry ice container.

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

**HEK293T / HEK293T / HLA**

**Sterility** The cells are free of mycoplasmas and PCR detectable viruses.