

**HROC324 | 300838**

**General information**

<b>Description</b>	Cell line derived from a 55-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 IIIb
<b>Disease</b>	Colorectal adenocarcinoma, TNM T3N2M0R0L1V0, G3, Lk(n) +5, Σ Lk(n) 24

**Demographic data**

<b>Age</b>	55 years
<b>Gender</b>	Male
<b>Ethnicity</b>	German
<b>Morphology</b>	Adenocarcinoma
<b>Growth properties</b>	Adherent

**Identification and classification**

<b>Citation</b>	HROC324 (Cytion 300838)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellSaurusAccession</b>	CVCL_1V00

**Genetic and molecular data**

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



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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 10 ml of complete DMEM medium.
2. Incubate the cells in a humidified 5% CO<sub>2</sub> incubator at 37°C until the cells reach 70-80% confluency.
3. Seed the cells into a 96-well plate (100 µl/well) at a density of 100,000 cells per well.
4. Incubate the cells in a humidified 5% CO<sub>2</sub> incubator at 37°C until the cells reach 70-80% confluency.
5. Harvest the cells by centrifugation at 300 x g for 5 minutes at 4°C.
6. Resuspend the cells in 100 µl of complete DMEM medium.
7. Seed the cells into a 96-well plate (100 µl/well) at a density of 100,000 cells per well.
8. Incubate the cells in a humidified 5% CO<sub>2</sub> incubator at 37°C until the cells reach 70-80% confluency.

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

**Flask Coating** Poly-D-Lysine

**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 weeks.

**HEK293T / HEK293T / HLA**

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

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**A\***: 03:01:01

**B\***: 07:02:01

**C\***: 07:02:01

**DRB1\***: 13:02:01G

**DQA1\***: 01:02:01

**DQB1\***: '06:04:01G

**DPB1\***: 02:01:02

**E**: 01:03:02