

Product sheet

**RCC-GS | 300241**

**General Information**

<b>Description</b>	Human renal cell carcinoma, pT3b, M1/ GIII (metastatic) cell line established in 1999.
<b>Organism</b>	Human
<b>Tissue</b>	Kidney
<b>Disease</b>	Renal cell carcinoma, pT3b, M1/ GIII (metastatic)
<b>Synonyms</b>	KTCTL-185, KTCTL185, RCCGS

**Cell Culture**

<b>Age</b>	56 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial cells
<b>Growth properties</b>	Adherent, continuous

**Characterization**

<b>Citation</b>	RCC-GS (Human Renal Cell Carcinoma) Cytion 300241
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_5875

**Antigenicity**

<b>Surface antigens</b>	CD8, CD18, CD19, CD44, CD47
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## Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the vial to touch the bottom of the water bath. Once thawed, transfer the cells to a pre-warmed tube.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of pre-warmed medium. Incubate the cells at 37°C for 24 hours.
3. Seed the cells into a 96-well plate at a density of 100,000 cells per well. Incubate the cells at 37°C for 24 hours.
4. Harvest the cells and analyze by flow cytometry. The percentage of cells in the G0/G1 phase should be approximately 70%.
5. Seed the cells into a 96-well plate at a density of 100,000 cells per well. Incubate the cells at 37°C for 24 hours.
6. Harvest the cells and analyze by flow cytometry. The percentage of cells in the G0/G1 phase should be approximately 70%.
7. Seed the cells into a 96-well plate at a density of 100,000 cells per well. Incubate the cells at 37°C for 24 hours.
8. Harvest the cells and analyze by flow cytometry. The percentage of cells in the G0/G1 phase should be approximately 70%.

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

**Flask Coating** None

**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 196 weeks.

## Genotype / HLA

**Sterility** The cells are free of mycoplasma, endotoxin, and other contaminants. PCR confirmed.

**████████ RCC-GS | 300241**

**████████ STR**

**Amelogenin:** x,x  
**CSF1PO:** 10,11  
**D13S317:** 8,14  
**D16S539:** 9,12  
**D5S818:** 11,12  
**D7S820:** 8,1  
**TH01:** 9  
**TPOX:** 8  
**vWA:** 16,18  
**D3S1358:** 16  
**D21S11:** 31  
**D18S51:** 14  
**Penta E:** 8,1  
**Penta D:** 11  
**D8S1179:** 8,11  
**FGA:** 24  
**PEZ6:** HROG36