

Product sheet

HROC278Met1 T2 M2 | 300836

General Information

Description	Cell line derived from a patient with metastatic colorectal cancer (PD Dr. Michael Linnebacher) [redacted]
Organism	Human
Tissue	Colorectal adenocarcinoma, metastatic CRC (T4N2M1R0L1V1, G3, Lk(n) +19, [redacted])
Disease	Colorectal adenocarcinoma

Patient Information

Age	76 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification and Safety

Citation	HROC278Met1 T2 M2 ([redacted] Cytion 300836)
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1U90

Genetic and Protein Expression

Protein expression	PTEN
Tumorigenic	Yes, tumorigenic in nude mice

HEK293T HROC278Met1 T2 M2 | 300836

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. Gently mix the cells and incubate for 24 hours.
2. After 24 hours, remove the FBS and replace the medium with DMEM supplemented with 10% FBS. Incubate at 37°C for 24 hours.
3. After 24 hours, remove the FBS and replace the medium with DMEM supplemented with 10% FBS. Incubate at 37°C for 24 hours.
4. After 24 hours, remove the FBS and replace the medium with DMEM supplemented with 10% FBS. Incubate at 37°C for 24 hours.
5. After 24 hours, remove the FBS and replace the medium with DMEM supplemented with 10% FBS. Incubate at 37°C for 24 hours.
6. After 24 hours, remove the FBS and replace the medium with DMEM supplemented with 10% FBS. Incubate at 37°C for 24 hours.
7. After 24 hours, remove the FBS and replace the medium with DMEM supplemented with 10% FBS. Incubate at 37°C for 24 hours.
8. After 24 hours, remove the FBS and replace the medium with DMEM supplemented with 10% FBS. Incubate at 37°C for 24 hours.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Adherent, non-adherent

Freezing Procedure Harvest cells into a 15 ml falcon tube, centrifuge at 300 x g for 3 min. Resuspend the pellet in 1 ml of freezing medium and freeze at -80°C.

Shipping Conditions Store at -80°C

Storage Conditions Store at -150°C for 196 days

HEK293T / HEK293T / HLA

Sterility HEK293T cells are not PCR negative. HEK293T cells are not PCR negative. HEK293T cells are not PCR negative.