

Product sheet

**HROC147Met1 | 300806**

**XXXXX XXXXX**

<b>Description</b>	XXXX XX XXXX XXX XXXX XXXX XX XXXX XXXX XXXXXXXX XXXXXXXX XX XXX X' X XXXXX XXXXXXXX (PD Dr. Michael Linnebacher) XXXXXXXX XXXX
<b>Organism</b>	XXXX
<b>Tissue</b>	XXXXXXXXXX
<b>Disease</b>	XXXXXXXXXXXXXXXX
<b>Metastatic site</b>	XXXX, XXXXXXXX XX XXXX CRC XXXXXXXX (XXXX XX-XXXXXXXX, XXXX TNM T3N2M1R0L1V1, XXXX G3, Lk(n) +4, Σ Lk(n) 32

**XXXXXXXXXXXX**

<b>Age</b>	54 XXXX
<b>Gender</b>	XXXX
<b>Ethnicity</b>	XXXXXXXX
<b>Morphology</b>	XXXX XXXX
<b>Growth properties</b>	XXXX

**XXXXXXXXX XXXXXXXXXXXXXXX**

<b>Citation</b>	HROC147Met1 (XXXX XXXXXXXX Cytion 300806)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1D14

**XXXXXXXXX XXX-XXXXXXXXXXXX**

<b>Protein expression</b>	PTEN
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<b>Tumorigenic</b>	Yes, orthotopic xenografts in immunocompetent mice
<b>Viruses</b>	SV40, JC/BK, HBV, HCV, HIV.
<b>MSI-status</b>	MSI-L
<b>Mutational profile</b>	APCmut, p53wt, K-Rasmut, B-RAFwt, N-Raswt, H-Raswt, PIK3CAwt
<b>Characteristics</b>	
<b>Culture Medium</b>	DMEM:Ham's F12 (1:1), w: 3.1 g/L D-glucose, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM sodium pyruvate, w: 1.2 g/L NaHCO <sub>3</sub> 820400a)
<b>Supplements</b>	10% FBS
<b>Dissociation Reagent</b>	Trypsin
<b>Doubling time</b>	26 days
<b>Subculturing</b>	Cells are cultured in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 2 x 10 <sup>4</sup> cells per flask. Media is replaced every 3-5 days. Cells are harvested when they reach 80-90% confluency.
<b>Seeding density</b>	2 x 10 <sup>4</sup> cells/flask
<b>Fluid renewal</b>	3-5 days
<b>Post-Thaw Recovery</b>	1-2 weeks
<b>Freeze medium</b>	DMEM:Ham's F12 (1:1) supplemented with 10% FBS + 10% DMSO

# HEK293T HROC147Met1 | 300806

## Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed T75 flask containing 10 ml of DMEM supplemented with 10% FBS. Incubate for 24 hours.
2. After 24 hours, replace the medium with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
3. After 48 hours, replace the medium with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
4. After 72 hours, replace the medium with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
5. After 96 hours, replace the medium with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
6. After 120 hours, replace the medium with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
7. After 144 hours, replace the medium with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.
8. After 168 hours, replace the medium with DMEM supplemented with 10% FBS. Incubate for 24 hours at 37°C.

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

**Flask Coating** Poly-D-Lysine

**Freezing Procedure** Harvest cells into a 15 ml falcon tube containing 1 ml of DMEM supplemented with 10% FBS. Centrifuge at 300 x g for 3 minutes. Wash with PBS. Resuspend in 1 ml of DMEM supplemented with 10% FBS. Add 100 µl of 10% DMSO. Freeze at -80°C.

**Shipping Conditions** Store at -80°C.

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

## HEK293T / HEK293T / HLA

**Sterility** HEK293T cells are not mycoplasma free. PCR screening is recommended. HEK293T cells are not mycoplasma free. PCR screening is recommended.