

Cell HROC348Met | 300871

Cell Line

Description	HROC348Met is a cell line derived from a 77-year-old male patient with a primary tumor of the prostate. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is suitable for various in vitro and in vivo studies. HROC348Met is a cell line derived from a patient with a primary tumor of the prostate. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is suitable for various in vitro and in vivo studies. HROC348Met is a cell line derived from a patient with a primary tumor of the prostate. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is suitable for various in vitro and in vivo studies.
Organism	Human
Tissue	Prostate
Disease	Prostate cancer
Metastatic site	Prostate

Cell Line Characteristics

Age	77 years
Gender	Male
Ethnicity	White
Growth properties	High growth rate, tumorigenic

Cell Line Identification

Citation	HROC348Met (Cell Line) Cytion 300871
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1U99

Cell Line Source

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MSI-status MSS

Characteristics

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L **Glucose**, w: 2.5 mM L-**Asparagine**, w: 15 mM HEPES, w: 0.5 mM **Beta-mercaptoethanol**, w: 1.2 g/L NaHCO₃ 820400a)

Supplements **Insulin** **Transferrin** 10% FBS

Dissociation Reagent **Trypsin**

Subculturing Cells are maintained in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS. Cells are grown in T25, 3-5 flasks. Cells are passaged every 3-5 days. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.

Fluid renewal 3-5 days

Freeze medium **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS (10% FBS) + 10% DMSO. Cells are frozen in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.

- Thawing and Culturing Cells**
1. Cells are thawed in a water bath at 37°C. Cells are then washed with **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.
 2. Cells are then seeded into a T25 flask. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.
 3. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.
 4. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.
 5. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.
 6. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.
 7. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.
 8. Cells are grown in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Beta-mercaptoethanol** and 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂, **Humidified**

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Flask Coating XX XXX

Freezing Procedure XXXXX XXXX XXXXXXXX XXXXXXX XXXX XXX XXXXXXX XXXXXXX XXXXXXXX XX XXXX XXXXXXX XX XXXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXX XXXXXXXX XX -78°C

Shipping Conditions XXXXX XXXX XXXXXXXX XXXXXXX XXXX XXX XXXXXXX XXXXXXX XXXXXXXX XX XXXX XXXXXXX XX XXXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXX XXXXXXXX XX -78°C

Storage Conditions XXXXXXX XXXXX XXXX, XX XXXXX XX XXXXXXXXXX XXXXX XXXXXXX XXXX XX XXX XXXXXXXXXX XX -150 XX 196 XXXXX XXXXXXX. XXXXX XXXXX

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Sterility XXXXX XXXXXXXXXX XXXX XXXXXXX XXXXXXX XXXXXXXX PCR XXXXXXX XXXXX XXXXXXXXXX XXXXXXX XXXXXXXXXX.

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