

HROC348Met | 300871

General information

Description

HROC348Met is a cell line derived from a patient with a primary tumor of the pancreas. The cell line is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents. HROC348Met is a highly tumorigenic cell line that can be used for drug screening and basic research in pancreatic cancer. HROC348Met is a cell line derived from a patient with a primary tumor of the pancreas. The cell line is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents. HROC348Met is a highly tumorigenic cell line that can be used for drug screening and basic research in pancreatic cancer.

Organism Human

Tissue pancreas

Disease pancreatic adenocarcinoma

Metastatic site pancreas

Cell characteristics

Age 77 years

Gender Male

Ethnicity White

Growth properties Adherent

Identification and safety

Citation HROC348Met (ATCC CCL-220) Cytion 300871

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1U99

Additional information

Cell Line HROC348Met | 300871

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 cultured in **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Selenium** and **10% FBS** in **T25** or **35** flasks. Cells are passaged by trypsinization and seeding into fresh medium.

Fluid renewal **3** **5** **times**

Freeze medium **DMEM:Ham's F12** supplemented with **Insulin**, **Transferrin**, **Selenium** and **10% FBS** + 10% DMSO

- Thawing and Culturing Cells**
1. **Cells** are thawed in a **37°C** water bath and immediately transferred to a **15** ml centrifuge tube containing **10% FBS** medium.
 2. **Cells** are centrifuged at **300 x g** for **3** minutes and the supernatant is removed. The cells are resuspended in **10% FBS** medium.
 3. **Cells** are seeded into a **T25** flask containing **10% FBS** medium and incubated at **37°C** in **5% CO2**.
 4. **Cells** are allowed to attach and reach **70% confluency**.
 5. **Cells** are trypsinized and seeded into a **T25** flask containing **10% FBS** medium.
 6. **Cells** are allowed to attach and reach **70% confluency**.
 7. **Cells** are trypsinized and seeded into a **T25** flask containing **10% FBS** medium.
 8. **Cells** are allowed to attach and reach **70% confluency**.

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

