

HROC450Met1 T0 M1 | 300725

General information

Description	HROC (Hansestadt Rostock Colorectal cancer) cell line was established from a 59-year-old male patient with colorectal cancer (MSI status MSS). The cell line is characterized by mutations in APC, KRAS, BRAF, PIK3CA and TP53. HROC, a cell line derived from a colorectal cancer (HROC) patient, is characterized by mutations in APC, KRAS, BRAF, PIK3CA and TP53. HROC, a cell line derived from a colorectal cancer (HROC) patient, is characterized by mutations in APC, KRAS, BRAF, PIK3CA and TP53. HROC, a cell line derived from a colorectal cancer (HROC) patient, is characterized by mutations in APC, KRAS, BRAF, PIK3CA and TP53.
Organism	Human
Tissue	Colorectal cancer
Disease	Colorectal cancer
Metastatic site	Metastatic

Cell line characteristics

Age	59 years
Gender	Male
Growth properties	Adherent

Cell line identification

Citation	HROC450Met1 T0 M1 (Cytion 300725)
Biosafety level	1
NCBI_TaxID	9606

Cell line authentication

MSI-status	MSS
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Cell line storage

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXXX, w: 2.5 mM L-XXXXXXX, w: 15 mM HEPES, w: 0.5 mM XXXX XXXXXXX, w: 1.2 g/L NaHCO3 820400a)

Supplements XXXX XXXXX 10% FBS

Dissociation Reagent TrypLE Express 15 XXXX 37°C

Subculturing ~~4-10~~ 1-3 XXXX

Freeze medium XXXXX XXXXX XXXXX, XXX XXXXXXX XXXXX XXXX XXX + 10% DMSO XXX XXXXXXX XXXXXXX XXXXX XXXX XXXXX

Thawing and Culturing Cells

1. XXX XXXXXXX XXX XXX XXXXXXX XXX XXXXX, XXX XXXXX XXXXXXX XXX XXX XXX XXXXX XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX
2. XX XXXX XXXXXXX, XXXX XX XXXXXXX XXXXXXX XXX XXXXXXX XXXXX -150°C XXX XXXXXXX XX XXXXX XXXXX XXXXX, XX XXXX
3. XXXXX XXXXX XXXXXXX, XXXXX XX XXXXXXX XXXXXXX XX XXX XXXXXXX XXXXX XXX XXXXXXX XXXXX 37 XXXXX XXXXXXX XX XXX XXXX
4. XXX XX XX XXXXXXX XXXXX XXXXXXX XXXXXXX XXXXX, XXXX XX XXXXXXX XXXXXXX XXXXXXX 70% XXXX XXXXXXX
5. XXX XXXXXXX XX XXXXXXX XXXXXXX XXXXX XX XXXXX XXXXX XXXXXXX XXXXXXX XXXXX 15 µ"X XXXXX 8 µ"X XX XXX XXXXX XXXX
6. XXXXX XX XXXXXXX XXXXXXX XXXXX -200 x g XXXX 5 XXXX, XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXX XX XXX XXXXXXX
7. XXX XXX XXXXX XXXXXXX XXX XXXXXXX XXXX XXXXX

Incubation Atmosphere 37°C, 5%_{CO2}, XXXXXXX XXXX

Flask Coating XX XXXX

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

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

Product sheet

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**Storage
Conditions**

XXXXXXXX XXXXX XXXX, XX XXXXX XX XXXXXXXXXXXXXXX XXXXX XXXXX XXXX XX XXX XXXXXXXXXXXXXXX XX -150 °C 196 XXXXX XXXXXXX XXXXX XXXXX

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