

### HROC395Met1 | 300854

#### General information

**Description** HROC (Hansestadt Rostock Colorectal cancer) cell line, derived from a 63-year-old male patient with metastatic colorectal cancer (MSI/MSS). The cell line is characterized by mutations in APC, KRAS, BRAF, PIK3CA, and TP53. HROC, "Tu" HROC, HROC-Cellosaurus, HROC MSI-H/MSS.

**Organism** Human

**Tissue** Colon

**Disease** Colorectal cancer

**Metastatic site** Liver

#### Characteristics

**Age** 63 years

**Gender** Male

**Growth properties** Adherent

#### References and safety

**Citation** HROC395Met1 (Cytion 300854)

**Biosafety level** 1

**NCBI\_TaxID** 9606

#### Additional information

#### Keywords

Product sheet

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**Culture Medium** DMEM:Ham's F12 (1:1), w: 3.1 g/L  $\beta$ -MEM, w: 2.5 mM L- $\beta$ -ALANINE, w: 15 mM HEPES, w: 0.5 mM  $\beta$ -MERCAPTOETHANOL, w: 1.2 g/L NaHCO<sub>3</sub> 820400a)

**Supplements**  $\beta$ -MEM 10% FBS

**Dissociation Reagent** TrypLE Express 15  $\beta$ -MEM 37°C

**Freeze medium**  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO

- Thawing and Culturing Cells**
1.  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO
  2.  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO
  3.  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO
  4.  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO
  5.  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO
  6.  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO
  7.  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>,  $\beta$ -MEM

**Flask Coating**  $\beta$ -MEM

**Freezing Procedure**  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO

**Shipping Conditions**  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO

**Storage Conditions**  $\beta$ -MEM,  $\beta$ -MEM + 10% DMSO,  $\beta$ -MEM + 10% DMSO

**Product sheet**

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