

Product sheet

**HCC78 | 302156**

**General Information**

<b>Description</b>	HCC78 is a human epithelial cell line derived from a metastatic adenocarcinoma of the colon. It is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents. HCC78, HCC78 is a human epithelial cell line derived from a metastatic adenocarcinoma of the colon. It is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents. ROS1.
<b>Organism</b>	Human
<b>Tissue</b>	Colon adenocarcinoma
<b>Disease</b>	Colorectal cancer
<b>Synonyms</b>	HCC-78, HCC0078, HCC78

**Cell Line Characteristics**

<b>Age</b>	65 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Growth properties</b>	Adherent, suspension

**Identification and Safety**

<b>Citation</b>	HCC78 (ATCC CCL-221)   Cytion 302156
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_2061

**Ordering and Contact Information**

**Ordering**

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**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** Cells are cultured in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM  $\beta$ -mercaptoethanol. Cells are grown in T25, 3-5 flasks in 3 flasks. Cells are passaged when they reach 70-80% confluency.

**Freeze medium** RPMI 1640 medium supplemented with 10% FBS and 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Centrifuge cells at 300 x g for 3 minutes.
  3. Wash cells in PBS.
  4. Resuspend cells in 70% FBS medium.
  5. Seed cells into a 15 fl or 8 fl flask.
  6. Incubate cells at 37°C in 5% CO<sub>2</sub>.
  7. Pass cells when they reach 70-80% confluency.
  8. Harvest cells for analysis.

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

**Flask Coating**

**Freezing Procedure**

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**Shipping  
Conditions**

Store at -78°C

**Storage  
Conditions**

Store at -150 to 196 °C

**HLA**

**Sterility**

PCR  
HLA