

# HCC78 | 302156

**Description** HCC78 is a human epidermal carcinoma cell line. It is a highly tumorigenic cell line that is derived from a 65-year-old male patient with a squamous cell carcinoma of the skin. The cell line is characterized by its high growth rate and its ability to form tumors in nude mice. HCC78 is a ROS1-negative cell line.

**Organism** Human

**Tissue** Skin

**Disease** Squamous cell carcinoma

**Synonyms** HCC-78, HCC0078, HCC78, HCC78.1

**Age** 65 years

**Gender** Male

**Ethnicity** Caucasian

**Growth properties** Adherent, epithelial

**Citation** HCC78 (ATCC CCL-22) | ATCC 302156

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_2061

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**Culture Medium** RPMI 1640 (2.0 mM Glucose, 2.0 mM NaHCO<sub>3</sub> (820700a))

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing**

**Freeze medium** (10% FBS) + 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 with PBS.
  4. Resuspend cells in 70% FBS.
  5. Seed cells into a 15 cm<sup>2</sup> flask.
  6. Incubate cells for 8 days.
  7. Harvest cells.
  8. Store cells.

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

**Flask Coating**

**Freezing Procedure**

**Shipping Conditions**

HCC78 | 302156

**Storage  
Conditions**

Store at -150 °C to -196 °C. Do not freeze. Do not thaw. Do not shake. Do not centrifuge. Do not dilute. Do not use after the expiration date.

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**Sterility**

Not sterile. For use in PCR. Do not use for other applications.

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