

Product sheet

**HepG2.2.15 | 305227**

**General information**

<b>Description</b>	HepG2.2.15 is a human liver carcinoma cell line derived from HepG2, which is a cell line derived from a human liver carcinoma. It is a cell line that is used for the study of liver cancer and is known for its ability to produce and secrete various liver-specific proteins and enzymes. It is a cell line that is used for the study of liver cancer and is known for its ability to produce and secrete various liver-specific proteins and enzymes.
<b>Organism</b>	Human
<b>Tissue</b>	Liver
<b>Disease</b>	Hepatocellular carcinoma
<b>Synonyms</b>	HEP-G2/2.2.15, Hep-G2/2215, HepG2/2215, HepG2-2.2.15, HepG2 2.2.15, HepG/2.2.15, HepG2(2.2.15), 2.2.15

**Characteristics**

<b>Age</b>	15 years
<b>Gender</b>	Male
<b>Ethnicity</b>	Chinese
<b>Growth properties</b>	Adherent

**References and safety**

<b>Citation</b>	HepG2.2.15 (ATCC CCL-107)   Cytion 305227
<b>Biosafety level</b>	2
<b>NCBI_TaxID</b>	9606
<b>CellSaurusAccession</b>	CVCL_L855

**Additional information**

**Notes**

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**Culture Medium** Ham's F12K Medium, w: 2.0 mM L-Glutamine, w: 2.0 mM Sodium pyruvate, w: 2.5 g/L NaHCO<sub>3</sub> (Cytion 820608a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** Cells are harvested by trypsinization with Trypsin-EDTA (Cytion 820608a) and centrifuged at 300 x g for 5 min. Cells are resuspended in DMEM (Cytion 820608a) supplemented with 10% FBS (Cytion 820608a) and seeded into T25 flasks (Cytion 820608a) at a density of 5 x 10<sup>4</sup> cells per flask. Cells are cultured in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. Once cells reach confluence, they are harvested by trypsinization with Trypsin-EDTA (Cytion 820608a) and centrifuged at 300 x g for 5 min. Cells are resuspended in DMEM (Cytion 820608a) supplemented with 10% FBS (Cytion 820608a) and seeded into T25 flasks (Cytion 820608a) at a density of 5 x 10<sup>4</sup> cells per flask. Cells are cultured in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C.

**Seeding density** 5 x 10<sup>4</sup> cells/flask

**Freeze medium** DMEM (Cytion 820608a) supplemented with 10% FBS (Cytion 820608a) + 10% DMSO (Cytion 820608a)

- Thawing and Culturing Cells**
1. Thaw the vial rapidly in a water bath at 37°C. Transfer the cells to a centrifuge tube and centrifuge at 300 x g for 5 min. Remove the supernatant and resuspend the cells in DMEM (Cytion 820608a) supplemented with 10% FBS (Cytion 820608a).
  2. Seed the cells into a T25 flask (Cytion 820608a) at a density of 5 x 10<sup>4</sup> cells per flask. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C.
  3. Once cells reach confluence, harvest them by trypsinization with Trypsin-EDTA (Cytion 820608a) and centrifuge at 300 x g for 5 min. Resuspend the cells in DMEM (Cytion 820608a) supplemented with 10% FBS (Cytion 820608a).
  4. Seed the cells into a T25 flask (Cytion 820608a) at a density of 5 x 10<sup>4</sup> cells per flask. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C.
  5. Once cells reach confluence, harvest them by trypsinization with Trypsin-EDTA (Cytion 820608a) and centrifuge at 300 x g for 5 min. Resuspend the cells in DMEM (Cytion 820608a) supplemented with 10% FBS (Cytion 820608a).
  6. Seed the cells into a T25 flask (Cytion 820608a) at a density of 5 x 10<sup>4</sup> cells per flask. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C.
  7. Once cells reach confluence, harvest them by trypsinization with Trypsin-EDTA (Cytion 820608a) and centrifuge at 300 x g for 5 min. Resuspend the cells in DMEM (Cytion 820608a) supplemented with 10% FBS (Cytion 820608a).
  8. Seed the cells into a T25 flask (Cytion 820608a) at a density of 5 x 10<sup>4</sup> cells per flask. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C.

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

**Flask Coating**

