

Product sheet

HEP-55.1C | 400201

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Description HEP-55.1C is a cell line derived from a human liver carcinoma, established in 1965. It is a continuous cell line that grows in suspension culture. The cells are characterized by their high tumorigenicity and ability to form colonies in soft agar. HEP-55.1C is a derivative of the Hep-2 cell line, which was derived from a human liver carcinoma. The cells are characterized by their high tumorigenicity and ability to form colonies in soft agar. HEP-55.1C is a derivative of the Hep-2 cell line, which was derived from a human liver carcinoma. The cells are characterized by their high tumorigenicity and ability to form colonies in soft agar.

Organism Human

Tissue Liver

Disease Hepatocellular carcinoma

Synonyms HEP-55.1C, 55.1C

HEP-55.1C | 400201

Breed/Subspecies C57BL/6J

Age 1-3 months

Gender Male

Morphology Adherent

Growth properties High

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Citation Hep-55.1C (HEP-55.1C) Cytion 400201

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_5766

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Protein expression 8, 18, 18

Tumorigenic , C57BL/6J

Mutational profile P53 wt

Culture Medium DMEM, w: 4.5 g/L , w: 4 mM L-, w: 3.7 g/L NaHCO₃, w: 1.0 mM (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent

Subculturing -PBS T25, -3-5 ' PBS, 3 3 , , 4 x 10

Fluid renewal 3 5

Post-Thaw Recovery 4 x 10

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
6. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
7. Harvest the cells by trypsinization. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
8. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for up to 196 months.

Genotype / Phenotype / HLA

Sterility The cells are free of mycoplasmas and PCR detectable viruses.