

Product sheet

HEP-55.1C | 400201

HEP-55.1C | 400201

Description HEP-55.1C is a cell line derived from Hep-55.1C cells, which are a derivative of the Hep-55.1C cell line. The cells are maintained in DMEM/F12 medium supplemented with 10% FBS. The cells are characterized by their ability to form colonies in soft agar and their resistance to anoikis. The cells are also characterized by their ability to form colonies in soft agar and their resistance to anoikis. The cells are also characterized by their ability to form colonies in soft agar and their resistance to anoikis.

Organism Mammals

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 Adipogenic

Growth properties Adipogenic

HEP-55.1C | 400201

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

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_5766

HEP-55.1C | 400201

Product sheet

Hep-55.1C | 400201

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

Hep-55.1C | 400201

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. Seed the cells into a pre-warmed flask containing 150 ml of medium. Incubate at 37°C in a 5% CO₂ atmosphere.
3. Monitor the cells for attachment and growth. Change the medium after 24 hours.
4. Once the cells are established, passage them into a new flask at 70% confluency.
5. Use the cells for experiments within 15 days of thawing. Store the remaining cells at -150°C.
6. For long-term storage, harvest the cells and freeze them in a cryoprotective medium.
7. Thaw the cells and seed them into a new flask at 10% confluency.
8. Monitor the cells for attachment and growth.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and freeze in cryoprotective medium at -150°C.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C, 196 liquid nitrogen

Genotype / HLA

Sterility PCR confirmed, endotoxin free