

Product sheet

SK-HEP-1 | 300334

SK-HEP-1

Description	SK-HEP-1 is a human liver carcinoma cell line established in 1971 from a 52-year-old male patient with hepatocellular carcinoma. It is a continuous cell line that grows in suspension culture.
Organism	Human
Tissue	Liver
Disease	Hepatocellular carcinoma
Metastatic site	Metastatic to lung, bone, and lymph nodes
Synonyms	SK-Hep-1, SK HEP-1, SK HEP 01, SK-Hep1, Sk-Hep1, SK Hep1, SKHEP-1, SKHEP1, SKHep1, SK_HEP1

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Age	52 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	Continuous cell line

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Citation	SK-HEP-1 (SK-HEP-1) Cytion 300334
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0525

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Isoenzymes	Me-2, 1-2, PGM3, 1, PGM1, 2, ES-D, 1, AK-1, 1, GLO-1, 1, G6PD, B
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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. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
3. After 24 hours, check the cell density. If the density is low, add more cells to reach a density of approximately 10⁵ cells/mL.
4. Pass the cells into a new flask when they reach 70% confluency.
5. Seed the cells into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
6. After 24 hours, check the cell density. If the density is low, add more cells to reach a density of approximately 10⁵ cells/mL.
7. Pass the cells into a new flask when they reach 70% confluency.
8. Seed the cells into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Cell culture medium

Freezing Procedure Seed cells into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.

Shipping Conditions Store at -80°C in a vapor phase liquid nitrogen storage container.

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

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Sterility The cells are provided in a sterile, cryoprotected medium. PCR screening is available upon request.

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A*: '02:01:01, '24:02:01

B*: '35:02:01, '44:03:01

C*: 04:01:01

DRB1*: 10:01:01, 11:04:01

DQA1*: '01:05:01, '05:05:01

DQB1*: '03:01:01, '05:01:01

DPB1*: 04:01:01

E: 01:01, 01:03