

HEP-CLS-1H | 400197

HEP-CLS-1H

Description	HEP-CLS-1H, Hepatocellular carcinoma cell line derived from a patient with hepatocellular carcinoma. C3H/HE, Hepatocellular carcinoma C3H/HE cell line derived from a patient with hepatocellular carcinoma.
Organism	Human
Tissue	Liver
Disease	Hepatocellular carcinoma
Synonyms	HEP-CLS-1H

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Breed/Subspecies	C3H/HE
Gender	Male
Morphology	Epithelial cells
Growth properties	Adherent

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Citation	Hep-CLS-1H (HEP-CLS-1H Cytion 400197)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_5774

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Tumorigenic	Yes, Hepatocellular carcinoma C3H/HE
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Product sheet

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Culture Medium	Ham's F12, w: 1.0 mM β -mercaptoethanol, w: 1.0 mM NaH_2PO_4 , w: 1.1 g/L NaHCO_3 (Cytion 820600a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Subculturing	Cells are grown in 25 cm ² flasks in DMEM supplemented with 10% FBS. For passage, cells are trypsinized and seeded into new flasks. Confluent cells are typically passaged every 3-5 days.
Fluid renewal	3-5 times per week
Freeze medium	DMEM supplemented with 10% FBS and 10% DMSO
Thawing and Culturing Cells	- Thaw cells rapidly in a water bath at 37°C. - Centrifuge cells at 300 x g for 5 minutes. - Resuspend cells in DMEM supplemented with 10% FBS. - Seed cells into a 25 cm² flask. - Incubate cells for 24-48 hours to allow attachment. - Remove non-adherent cells by changing the medium. - Replace the medium with fresh DMEM supplemented with 10% FBS. - Continue to culture cells in DMEM supplemented with 10% FBS.
Incubation Atmosphere	37°C, 5% CO_2
Flask Coating	Not required
Freezing Procedure	Cells are grown in 25 cm ² flasks in DMEM supplemented with 10% FBS. For freezing, cells are trypsinized and seeded into cryovials. The medium is removed and replaced with freezing medium. The vials are then frozen in a controlled rate freezer and stored at -80°C.

