

Product sheet

HEP-53.4 | 400200

HEP-53.4

Description	HEP-53.4 is a human liver carcinoma cell line, derived from a 53-year-old male patient with hepatocellular carcinoma. The cells are maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 µg/ml insulin, 10 µg/ml transferrin, and 10 µg/ml selenium. The cells are of C57BL/6J origin.
Organism	Human
Tissue	Liver
Disease	Hepatocellular carcinoma
Synonyms	HEP-53.4, 53.4

HEP-53.4

Breed/Subspecies	C57BL/6J
Age	Adult
Gender	Male
Morphology	Epithelial
Growth properties	Adherent

HEP-53.4

Citation	HEP-53.4 (HEP-53.4) Cytion 400200
Biosafety level	1
NCBI_TaxID	10090
CellSaurusAccession	CVCL_5765

HEP-53.4

Tumorigenic	Yes, C57BL/6J
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Mutational profile P53 wt

XXXXXX

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

Supplements XXXX XXXXXXX 10% FBS

Dissociation Reagent XXXXXXX

Subculturing XXX XXXXXXX XXXX XXXXXXX XXXXXXX XXXX XXXX X-PBS XXX XXXX XXXXXXX XXXX XXXXXXX T25, XXXXXXX X-3-5 X' X-PBS, XXXXXXX XXX 3 XXXX. XXXX XXX XXXXXXX XXXXXXX, XXXX XXX XXXXXXX XXXXXXX XXXX XXXX XXXX XXXXXXX XXXXXXX XXXX XXXXXXX XXXXXXX XXXX.

Fluid renewal XXX 3 XXX 5 XXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXXXX XXXX (XXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXXXX XXXX XXXXXXX, XXX C

Thawing and Culturing Cells

1. XXX XXXXXXXXXX XXXX XXXX XXXXXXXXXX XXXX XXXXXXX, XXX XXXXXXX XXXXXXXXXX XXXX XXXX XXXX XXXX XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
2. XXX XXXXXXX XXXXXXX, XXXX XXX XXXXXXXXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXXXXX X-150°C XXX XXXXXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXXXXX
3. XXXXXXX XXXXXXX XXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXXX XXXXXXXXXX XXXXXXX XXX XXXXXXXXXX XXX 37 XXXXXXXXXX XXX XXXX XXXXXXXXXX
4. XXXX XXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX 70% XXXXXXX XXXXXXXXXX
5. XXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX 15 X' X XXXXXXXXXX 8 X' X XXX XXXX XXXXXXXXXX XXXXXXXXXX
6. XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXXXXX X-300 x g XXXX 3 XXXXXXX XXXX XXXXXXXXXX XXX XXXXXXX, XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
7. XXXXXXX XXXXXXXXXX XXX XXXXXXX XXXXXXX X-10 X' X XXX XXXX XXXXXXXXXX XXXX XXXXXXX XXXXXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXX XXXX XXXXXXXXXX XXXXXXXXXX T2
8. XXXXXXXXXX XXX XXXXXXXXXXXXX X-XXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX, XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX

Incubation Atmosphere 37°C, 5% CO₂, XXXXXXXXXX XXXX

