Hep-56.1C

400203

GENERAL INFORMATION

Description

Hep-56.1c □□□□□□□□□□□□□□□□□□□ C57BL/6J □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ p53 □□□□□□□□□□□□□□Hep-56.1c □□□□ 5 □□□□□ 132 □□□□□ C:G □ G:C □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ 17 □□□
Hep-56.1c □□ K8 □ K18□□□□□□□□□□□□□□□□□□□ K19□□□
□□ DNA □□□□□□ Hep-56.1c □□p53 □□□□□□□□□□□□□□□□□□□□□□ Hep-56.1c □□□□□□□□□□ p53 □□□□□□□□□□□□□□□□□□□□□□□□□□□□

Tissue	□□
Disease	□□□□

Synonyms

- HEP-56.1C
- 56.1C
- 56.1c

CLASSIFICATION

Organism	Mouse
Sex	Female
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	□□□

IDENTIFIERS

Citation

Hep-56.1C□Cytion □□□□ 400203□

NCBI TaxID	10090
Cellosaurus	CVCL_5768

HANDLING AND CULTURE

Culture medium

DMEM□w□4.5 □/□□□□□w□4 □□□ L-□□□□□w□3.7 □/□ NaHCO3□w□1.0 □□□□□□□□Cytion □□ 820300a□□

Incubation atmosphere	37°C, 5%CO2, □□□□□

Supplements

□□□□□□□ 10% FBS

Dissociation reagent	Accutase

Subculturing

□□□□□□□□□□□□□□□□□□□□□ PBS □□□T25 □□□ 3-5 □□ PBS□T75 □□□ 5-10 □□□□□□ Accutase □□□□□□□T25 □□□ 1-2 □□□T75 □□□ 2.5 □□□□□□□□□□□□□ 8-10 □□□□□□□□□□□□□□ 10 □□□□□□□□□□□□□□□□□□□□ 300xg □□ 3 □□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□

Seeding density	1 × 10^4 □□□/□□□□
Fluid renewal	□ 3 □ 5 □
Post-thaw recovery	□□□□□□□□5×10^4□□□/□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□24□□□

Thawing and culturing

Confirm that the vial remains deeply frozen upon delivery, as cells are shipped on dry ice to maintain optimal temperatures during transit.
Upon receipt, either store the cryovial immediately at temperatures below -150°C to ensure the preservation of cellular integrity, or proceed to step 3 if immediate culturing is required.
For immediate culturing, swiftly thaw the vial by immersing it in a 37°C water bath with clean water and an antimicrobial agent, agitating gently for 40-60 seconds until a small ice clump remains.
Perform all subsequent steps under sterile conditions in a flow hood, disinfecting the cryovial with 70% ethanol before opening.
Carefully open the disinfected vial and transfer the cell suspension into a 15 ml centrifuge tube containing 8 ml of room-temperature culture medium, mixing gently.
Centrifuge the mixture at 300 x g for 3 minutes to separate the cells and carefully discard the supernatant containing residual freezing medium.
Gently resuspend the cell pellet in 10 ml of fresh culture medium. For adherent cells, divide the suspension between two T25 culture flasks; for suspension cultures, transfer all the medium into one T25 flask to promote effective cell interaction and growth.
Adhere to established subculture protocols for continued growth and maintenance of the cell line, ensuring reliable experimental outcomes.

QUALITY CONTROL AND CRYOPRESERVATION

Sterility

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Freeze medium	□□□□□□□□□□□□□□□□ FBS□+10% DMSO □ CM-1□Cytion □□□□□□ 800100□□□□□□□□□ □□□□□□□□□□□□□□□□□□CM-1□Cytion □□□□□□ 800100□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□

Storage conditions

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Shipping conditions

□□ -78 °C □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

DONOR

Breed / subspecies	C57BL/6J
Donor age	□□

LEGAL AND SAFETY

Safety precautions

□□□

Disclaimer

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Warranty

在Cytion，我们保证产品的质量和活力。
我们保证，从我们的工厂发货后 60 天内，我们的细胞在开始培养时都是存活的。
我们保证所有材料均符合分析证书和/或产品说明书中描述的规格。

有关详细信息，请参阅我们的 <a href="" /Who-we-are/Warranty/"" hreflang=""x-default"">保修声明。

Material Transfer Agreement required Yes

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