

Product sheet

XXXX MHH-ES1 | 300136

XXXXX XXXXX

Description XXX XXXXX MHH-ES1 XXXX XXXXXX XX XXXXXXX XX XXXXXXX, XXX XXXX XXXXXXX XXXXX XX XXXXXXX XXXXXXX XXXXX XXXXX XXXXX XXXXXXX
XXXXXXXX XXXXXXX XXX XXXXX MHH-ES1 XXX XXXXXXX XX XXXXXXX XX XXXXXXX XXXXXXX XXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

Organism XXX

Tissue XXX

Disease XXXXXXX XX XXXXXXX

Metastatic site XXXXX

Synonyms MHH-ES-1, MHES1

XXXXXXXXXX

Age 12 XXXX

Gender XXX

Ethnicity XXXXX

Morphology XXXX XXXXXXX XXXXX

Growth properties XXX, XXXXXXX

XXXXXXXXX XXXXXXXXXXXXXXX

Citation MHH-ES1 (XXXX XXXXXXX Cytion 300136)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1411

HEK293T MHH-ES1 | 300136

HEK293T MHH-ES1 - HEK293T MHH-ES1

HEK293T

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into T25 flasks in 5 ml of medium. When cells reach 80-90% confluency, harvest cells by trypsinization and seed into new flasks.

Seeding density 1×10^5 cells per flask

Fluid renewal Every 3-5 days

Post-Thaw Recovery After thawing, seed cells into T25 flasks in 5 ml of medium. Allow cells to recover for 24 hours before use.

Freeze medium DMEM (10% FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Discard the supernatant and resuspend the cells in 15 µl of fresh medium. Seed the cells into a 96-well plate (8 µl per well) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.
2. For expansion, seed the cells into a 24-well plate (100 µl per well) or a T25 flask (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.
3. For expansion, seed the cells into a T25 flask (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.
4. For expansion, seed the cells into a T25 flask (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.
5. For expansion, seed the cells into a T25 flask (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.
6. For expansion, seed the cells into a T25 flask (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.
7. For expansion, seed the cells into a T25 flask (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.
8. For expansion, seed the cells into a T25 flask (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing Procedure

For freezing, seed the cells into a vial (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.

Shipping Conditions

For shipping, seed the cells into a vial (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.

Storage Conditions

For storage, seed the cells into a vial (1 ml) and incubate at 37°C, 5% CO₂. The cells should be visible after 24 hours.

Cell Culture Media MHH-ES1 / Cell Culture Media MHH-ES1 / HLA

Sterility

The media is sterile and free of mycoplasmas. PCR testing confirmed the absence of mycoplasmas. The media is also free of endotoxins.

██████ MHH-ES1 | 300136

██████ HLA

A*: '01:01:01, '68:01:01

B*: '40:01:02, '49:01:01

C*: '01:02:01, '07:01:01

DRB1*: 07:01:01, 11:01:01

DQA1*: '02:01:01, '05:05:01

DQB1*: '03:01:01, '03:03:02G

DPB1*: '10:01:01, '13:01:01

E: '01:01:01, '01:03:01