

300715

(HFFC) |

Description

Human embryonic fibroblasts (HFFC) derived from human foreskin fibroblasts (HFFC) by transfection with the HFFC gene.

Organism

Human

Tissue

Human foreskin

Morphology

Epithelial

Growth properties

Adherent

Citation

Human embryonic fibroblasts (HFFC) (HFFC) (Cytion 300715)

NCBI_TaxID

9606

Culture Medium

DMEM:Ham's F12 (1:1), w: 3.1 g/L / 100 mL, w: 2.5 g/L L-Ascorbic acid, w: 15 g/L HEPES, w: 0.5 g/L

Supplements

10% FBS, bFGF 10 ng/mL / 100 mL, 10 ng/mL / 100 mL

Dissociation Reagent

Trypsin

Subculturing

1:2 split ratio in PBS / 100 mL T25 flask

Freeze medium

10% FBS 90% + DMSO 10% / 100 mL CM-1 (100 mL)

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Thawing and
Culturing Cells

- 1. Thaw cells rapidly in a water bath at 37°C. Mix gently by pipetting up and down.
- 2. Add cells to a cryovial and store at -150 °C.
- 3. Thaw cells rapidly in a water bath at 37°C. Mix gently by pipetting up and down.
- 4. Add cells to a flask containing 70% medium.
- 5. Incubate cells in a CO₂ incubator at 37°C for 15 minutes.
- 6. Add cells to a flask containing 300 x g 3 ml medium.
- 7. Incubate cells in a CO₂ incubator at 37°C for 10 minutes.
- 8. Add cells to a flask containing 10 ml medium.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

None

Freezing
Procedure

Cells are frozen in a cryovial containing 1 ml of freezing medium.

Shipping
Conditions

Cells are shipped in a cryovial containing 1 ml of freezing medium.

Storage
Conditions

Cells are stored in a cryovial containing 1 ml of freezing medium at -150 °C to -196 °C.

Sterility

Cells are tested for sterility by PCR. The results are negative for all tested cells.