

Product sheet

FO-1 (MEL-CLS-1) | 300175

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Description FO-1 (MEL-CLS-1) is a cell line derived from a patient with melanoma. It is a highly metastatic cell line that grows in suspension. The cell line is characterized by its ability to form colonies in soft agar and its high tumorigenicity in nude mice. The cell line is maintained in DMEM supplemented with 10% FBS. The cell line is characterized by its ability to form colonies in soft agar and its high tumorigenicity in nude mice. The cell line is maintained in DMEM supplemented with 10% FBS.

Organism Human

Tissue Melanoma

Disease Melanoma

Metastatic site Lung, Liver, Brain, Bone

Synonyms MEL-CLS-1, FO-1, MEL-CLS-1

Cell Line Characteristics

Age 54 years

Gender Male

Ethnicity Caucasian

Growth properties Adherent

References

Citation FO-1 (MEL-CLS-1) (ATCC CCL-130) | 300175

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_5619

Additional Information

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a 15 mL centrifuge tube containing 10 mL of pre-warmed complete medium. Centrifuge at 300 × g for 5 minutes. Remove the supernatant and resuspend the cells in 1 mL of complete medium. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.
2. Once the cells have reached confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.
3. Once the cells have reached confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.
4. Once the cells have reached confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.
5. Once the cells have reached confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.
6. Once the cells have reached confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.
7. Once the cells have reached confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.
8. Once the cells have reached confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Not required

Freezing Procedure Seed cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂. Once cells reach confluence, remove the medium and wash the cells with PBS. Add 1 mL of trypsin-EDTA solution and incubate at 37°C for 5 minutes. Add 10 mL of complete medium to stop the reaction. Detach the cells by pipetting up and down. Seed the cells into a 25 cm² flask containing 10 mL of complete medium. Incubate at 37°C in 5% CO₂.

Shipping Conditions Store at -150°C to -196°C in liquid nitrogen.

Storage Conditions Store at -150°C to -196°C in liquid nitrogen.

HLA HLA-A*01:01, HLA-B*07:01, HLA-C*01:02, HLA-DQA1*01:01, HLA-DQB1*06:01

Sterility Sterility testing: PCR