

Product sheet

143B | 305232

143B

Description 143B is a cell line derived from a patient with a specific condition. It is characterized by its ability to differentiate into various cell types, making it a valuable tool for studying the disease and testing potential treatments. The cell line is maintained in a specific medium and is available for research purposes.

Organism Human

Tissue Adipose tissue, subcutaneous

Disease Obesity

Synonyms 143b, 143 B, 143B TK-, 143B.TK-, 143BTK-, 143TK-, HOS-143B, HOS-143b, GM05887, GM05887A

143B

Age 13 years

Gender Male

Ethnicity Caucasian

Growth properties Adipogenic

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Citation 143B (Cytion 305232)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_2270

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Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Gibco ThermoFisher Cytion 820100a)

Supplements Gibco ThermoFisher 10% FBS 1% NEAA

Dissociation Reagent Gibco ThermoFisher

Subculturing Cells are cultured in EMEM supplemented with 10% FBS and 1% NEAA. For passaging, cells are trypsinized with Gibco ThermoFisher T25, washed with PBS, and resuspended in EMEM supplemented with 10% FBS and 1% NEAA. Cells are then seeded into new flasks at a density of 2 x 10⁴ cells per flask.

Seeding density 2 x 10⁴ cells/flask

Freeze medium Gibco ThermoFisher (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw the vial in a 37°C water bath.
 2. Dilute the cells into 10 ml of EMEM supplemented with 10% FBS and 1% NEAA.
 3. Seed the cells into a T25 flask.
 4. Allow the cells to attach for 24 hours.
 5. Change the medium to EMEM supplemented with 10% FBS and 1% NEAA.
 6. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes.
 7. Resuspend the cells in EMEM supplemented with 10% FBS and 1% NEAA.
 8. Seed the cells into a new T25 flask.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Gibco ThermoFisher

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Freezing Procedure

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Shipping Conditions

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Storage Conditions

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Sterility

... PCR ...
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