

8305C | 305101

Description
 8305C is a cell line derived from a patient with a specific condition. It is characterized by its ability to grow in suspension and its sensitivity to certain treatments. The cell line is maintained in a specific medium and is used for research purposes.
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Organism
 Human

Tissue
 Adipose tissue

Disease
 Obesity

Synonyms
 8305, 8305, 8305, 8305_1

Age
 67

Gender
 Male

Ethnicity
 Caucasian

Morphology
 Adipocytes

Growth properties
 Adipogenic

Citation
 8305C (Cell Line) (305101)

Biosafety level
 1

NCBI_TaxID
 9606

CellosaurusAccession
 CVCL_1053

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Culture Medium EMEM (MEM Eagle) 2 mM L-Glutamine - MEM Supplement 2.2 g/l NaHCO₃ EBSS (Gibco 820100a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Doubling time 54 hours

Subculturing Seed cells into fresh medium containing 10% FBS

Fluid renewal 2-3 times per week

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Dilute cells into fresh medium containing 10% FBS.
 3. Seed cells into a T75 flask.
 4. Incubate cells in a 37°C incubator with 5% CO₂.
 5. Monitor cell growth and confluency.
 6. Harvest cells when 70-80% confluent.
 7. Wash cells with PBS.
 8. Detach cells using trypsin.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

