

Product sheet

SW-1736 | 300453

SW-1736

Description
SW-1736 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.

Organism Human

Tissue Adipose tissue

Disease Obesity

Synonyms SW1736, SW 1736

SW-1736

Age 77 years

Gender Male

Ethnicity Caucasian

Morphology Adipocytes

Growth properties Suspension

SW-1736

Citation SW-1736 (Cytion 300453)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_3883

SW-1736

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Mutational profile BRAF V600E

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

Supplements 10% FBS

Dissociation Reagent

Subculturing 100% PBS, T25, 3-5 100 cm² PBS, 3 100 cm² flasks, 100% PBS, 100% PBS

Fluid renewal 2-3 times

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath, transfer to a 100 cm² flask with 100% FBS, and incubate for 24 hours.
 2. After 24 hours, transfer cells to a 100 cm² flask with 70% FBS and 30% fresh medium, and incubate for 24 hours.
 3. After 24 hours, transfer cells to a 100 cm² flask with 70% FBS and 30% fresh medium, and incubate for 24 hours.
 4. After 24 hours, transfer cells to a 100 cm² flask with 70% FBS and 30% fresh medium, and incubate for 24 hours.
 5. After 24 hours, transfer cells to a 100 cm² flask with 70% FBS and 30% fresh medium, and incubate for 24 hours.
 6. After 24 hours, transfer cells to a 100 cm² flask with 70% FBS and 30% fresh medium, and incubate for 24 hours.
 7. After 24 hours, transfer cells to a 100 cm² flask with 70% FBS and 30% fresh medium, and incubate for 24 hours.
 8. After 24 hours, transfer cells to a 100 cm² flask with 70% FBS and 30% fresh medium, and incubate for 24 hours.

Incubation Atmosphere 37°C, 5% CO₂

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Flask Coating

Freezing Procedure

Shipping Conditions

Storage Conditions

HLA

Sterility

HLA

- A*: '03:01:01, '11:01:01
- B*: 07:02:01, 44:02:01
- C*: 07:02:01, 07:04:01
- DRB1*: 11:01:01, 13:02:01
- DQA1*: '01:02:01, '05:05:01
- DQB1*: 03:01:01, 06:04:01
- DPB1*: '02:01:02, '04:01:01
- E: 01:03:02