

Product sheet

SK-MEL-5 | 300157

SK-MEL-5

Description	SK-MEL-5 (SK-MEL-5) Cytion 300157 T. Takahashi
Organism	SK-MEL-5
Tissue	SK-MEL-5
Disease	SK-MEL-5
Metastatic site	SK-MEL-5
Synonyms	SK-Mel-5, SK MEL 5, SK.MEL.5, SK-MEL5, SKMel-5, SKMEL-5, SKMEL5, SKMel5, SKmel5, AA-Mel

SK-MEL-5

Age	24
Gender	SK-MEL-5
Ethnicity	SK-MEL-5
Morphology	SK-MEL-5
Growth properties	SK-MEL-5

SK-MEL-5

Citation	SK-MEL-5 (SK-MEL-5) Cytion 300157
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0527

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Protein expression P53

Isoenzymes PGM1, 1-2, PGM3, 1, ES-D, 1, AK-1, 1, GLO-1, 1-2, G6PD, B, 0.0860

Tumorigenic

Products

Media

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

Supplements 10% FBS 1% NEAA

Dissociation Reagent

Subculturing 1-PBS 25, 3-5' PBS, 3

Seeding density 1×10^4 /

Fluid renewal 2 3

Post-Thaw Recovery 24

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed medium. Incubate the cells at 37°C in 5% CO₂ for 24 hours to allow the cells to attach.
3. After 24 hours, check the cells for attachment. If the cells have not attached, replace the medium with fresh pre-warmed medium.
4. Once the cells are attached, replace the medium with fresh pre-warmed medium. The medium should be replaced every 2-3 days.
5. The cells should be passaged when they reach 70-80% confluency. Use a trypsin solution to detach the cells.
6. Seed the cells into a new flask with pre-warmed medium. Incubate the cells at 37°C in 5% CO₂ for 24 hours.
7. Repeat the process for subsequent passages.
8. The cells should be maintained in a continuous culture.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating The cells are not adherent to standard tissue culture flasks. The cells require a special coating for attachment.

Freezing Procedure The cells should be frozen in a freezing medium at -80°C. The cells should be stored in liquid nitrogen.

Shipping Conditions The cells should be shipped in a cooling pack at -80°C. The cells should be stored in liquid nitrogen.

Storage Conditions The cells should be stored in a cooling pack at -150°C for 196 hours. The cells should be stored in liquid nitrogen.

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Sterility The cells are free of mycoplasmas and other contaminants. The cells are tested for sterility using PCR.

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██████ HLA

A*: '02:01:01, '11:01:01

B*: 07:02:01, 40:01:02

C*: 03:04:01, 07:02:01

DRB1*: 04:01:01, 13:01:01

DQA1*: '01:03:01, '03:01:01

DQB1*: 03:02:01, 06:03:01

DPB1*: '03:01:01, '16:01:01

E: 01:01, 01:03