

SK-MEL-2 | 300423

General information

Description	SK-MEL-2 cell line derived from a 60-year-old patient with melanoma.
Organism	Homo sapiens
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	SK-Mel-2, SK-Mel 2, SK-Mel-2, SK-Mel-2, SK-MEL2, SK.MEL.2, SK MEL 2, SK MEL 2, SKMEL-2, SKMEL2, SKMEL2, SK-ML2, SK-ML2, SKml2

Characteristics

Age	60 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

References and identifiers

Citation	SK-MEL-2 (ATCC CRL-2739) 300423
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0069

Additional information

Product sheet

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Isoenzymes PGM3 1 PGM1 1 ES-D 1 AK-1 1 Glo-1 2 G6PD B

Tumorigenic [redacted]

Products [redacted]

Karyotype (P6) [redacted]

[redacted]

Culture Medium DMEM 4.5 g/l [redacted] 4 [redacted] 3.7 g/l [redacted] NaHCO3 1.0 [redacted] ([redacted] 82 [redacted])

Supplements [redacted] 10% [redacted] FBS

Dissociation Reagent [redacted]

Subculturing [redacted] PBS [redacted]

Split ratio [redacted] 1:3 1:6

Seeding density 1×10^4 [redacted]

Fluid renewal 2-3 [redacted]

Freeze medium [redacted] ([redacted] FBS) + 10% DMSO [redacted]

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Thawing and Culturing Cells

1. Thaw the vial in a 37°C water bath. Transfer the cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 5 minutes. Remove the supernatant and resuspend the cells in 10 mL of pre-warmed complete medium.
2. Seed the cells into a T75 flask containing 70% complete medium. Incubate at 37°C in a 5% CO₂ atmosphere.
3. Once cells reach 80% confluence, passage them into a new T75 flask. Repeat this process every 10-15 days.
4. For long-term storage, harvest cells into a 15 mL tube and resuspend in 1 mL of freezing medium. Freeze at -150°C.
5. Thaw the cells in a 37°C water bath and seed into a T75 flask with 70% complete medium.
6. Once cells reach 80% confluence, passage them into a new T75 flask.
7. For long-term storage, harvest cells into a 15 mL tube and resuspend in 1 mL of freezing medium. Freeze at -150°C.
8. Thaw the cells in a 37°C water bath and seed into a T75 flask with 70% complete medium.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Harvest cells into a 15 mL tube and resuspend in 1 mL of freezing medium. Freeze at -150°C.

Shipping Conditions -78°C

Storage Conditions -150°C to -196°C

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Sterility The cells are free of mycoplasma contamination (PCR) and are not contaminated with other cell lines.

