

Product sheet

SK-MEL-2 | 300423

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% 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 water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and wash the cells with PBS.
3. Resuspend the cells in a pre-warmed medium and seed them into a flask. The cell density should be approximately 37 cells per well.
4. Incubate the cells in a humidified atmosphere at 37°C. The cells should reach 70% confluency within 7-10 days.
5. Once the cells are confluent, they can be used for experiments. The cells should be passaged every 8-15 days.
6. For long-term storage, the cells can be cryopreserved. Seed the cells into a flask and allow them to reach 70% confluency.
7. Harvest the cells and resuspend them in a cryopreservation medium. Seed the cells into a vial at a density of 10 cells per vial.
8. Store the vial in a liquid nitrogen storage tank. The cells can be stored for up to 10 years.

Incubation Atmosphere

37°C, 5% CO₂, humidified atmosphere

Flask Coating

Not required

Freezing Procedure

Resuspend the cells in a cryopreservation medium and seed them into a vial at a density of 10 cells per vial. Store the vial in a liquid nitrogen storage tank. The cells can be stored for up to 10 years.

Shipping Conditions

Store the cells at -78°C. The cells can be shipped in a dry ice container.

Storage Conditions

Store the cells at -150°C to -196°C. The cells can be stored for up to 10 years.

SK-MEL-2 / SK-MEL-2 / HLA

Sterility

The cells are provided in a sterile, cryopreserved state. The cells are tested for mycoplasma contamination using PCR. The cells are also tested for HLA expression.

