

SK-MES-1 | 300339

Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not leave the vial at room temperature for more than 5 minutes.
2. Add the cell suspension to a pre-warmed T75 flask containing 15 mL of complete medium. Mix gently by pipetting up and down.
3. Incubate the cells in a humidified CO₂ incubator at 37°C and 5% CO₂.
4. Check the cells daily under a microscope. When the cells reach 70-80% confluency, passage them.
5. Seed the cells into a new T75 flask with 15 mL of complete medium. The seeding volume should be 8 mL.
6. The cells should reach confluency within 3-5 days. If the cells do not reach confluency, check the medium and pH.
7. Pass the cells into a new T75 flask with 10 mL of complete medium. The seeding volume should be 5 mL.
8. The cells should reach confluency within 3-5 days. If the cells do not reach confluency, check the medium and pH.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Flask coating is not required for this cell line.

Freezing Procedure

Freeze the cells in a freezing medium containing 10% FBS and 10% DMSO at -80°C.

Shipping Conditions

Ship the cells in a dry ice container at -78°C.

Storage Conditions

Store the cells in a liquid nitrogen container at -150°C for up to 196 days.

SK-MES-1 / SK-MES-1 / HLA

Sterility

The cells are free of mycoplasmas and PCR detectable agents.

The cells are free of endotoxins and other contaminants.

██████ SK-MES-1 | 300339

██████ HLA

A*: 03:01:01

B*: 07:02:01

C*: 07:02:01

DRB1*: 16:01:01

DQA1*: 01:02:02

DQB1*: 05:02:01

DPB1*: 04:01:01

E: 01:03:02