



SK-MEL-5 | 300157

**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**

**Culture Medium** EMEM (MEM Eagle) 2 2.2 NaHCO3 EBSS (820100a)

**Supplements**

**Dissociation Reagent**

**Subculturing**

**Seeding density** 1 x 10^4

**Fluid renewal** 2 3

**Post-Thaw Recovery**

**Freeze medium**

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**Thawing and Culturing Cells**

1. Thaw the vial rapidly in a 37°C water bath. 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 pre-warmed medium.
3. Resuspend the cells in pre-warmed medium and seed them into a pre-warmed flask. Incubate at 37°C in 5% CO<sub>2</sub>.
4. Monitor cell growth and confluency. Once cells reach 70% confluency, passage them.
5. Seed cells into a new flask at a density of 15 x 10<sup>5</sup> cells per flask. Incubate at 37°C in 5% CO<sub>2</sub>.
6. Harvest cells when they reach 70-80% confluency. Seed into a 300 x 3 mm flask.
7. Incubate cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
8. Harvest cells and use for downstream applications.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

Flask coating is not required for this cell line.

**Freezing Procedure**

Freeze cells in a freezing medium at 1 x 10<sup>6</sup> cells per vial. Store at -80°C.

**Shipping Conditions**

Ship cells at 4°C. Do not freeze during shipping.

**Storage Conditions**

Store cells at -150°C to -196°C in liquid nitrogen.

SK-MEL-5 / SK-MEL-5 / HLA

**Sterility**

Cells are tested for mycoplasma contamination (PCR) and are found to be free of contamination. Cells are also tested for sterility and are found to be sterile.

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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