

Product sheet

SK-MEL-5 | 300157

General information

<b>Description</b>	
<b>Organism</b>	
<b>Tissue</b>	
<b>Disease</b>	
<b>Metastatic site</b>	
<b>Synonyms</b>	SK-MEL-5 SK MEL.5 SK.MEL.5 SK-MEL.5 SK-MEL5 SKMEL-5 SKMEL-5 SKMEL5 SKMEL5 SKMel5 SKmel5 Mel

Characteristics

<b>Age</b>	24
<b>Gender</b>	
<b>Ethnicity</b>	
<b>Morphology</b>	
<b>Growth properties</b>	

Identification and safety

<b>Citation</b>	SK-MEL-5 (300157)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_0527

Additional information

**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**

**Media**

**Culture Medium** EMEM (MEM Eagle) 2 2.2 NaHCO<sub>3</sub> EBSS (820100a)

**Supplements**

**Dissociation Reagent**

**Subculturing** PBS

**Split ratio** 1:3 1:6

**Seeding density**  $1 \times 10^4$

**Fluid renewal** 2 3

**Post-Thaw Recovery** 24

**Freeze medium** FBS + 10% DMSO

SK-MEL-5 | 300157

Thawing and Culturing Cells

1. Thaw the cells 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. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a flask containing 37 mL of pre-warmed medium.
4. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. The cells should reach 70% confluency.
5. Harvest the cells using trypsin. Seed the cells into a flask containing 15 mL of pre-warmed medium.
6. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. The cells should reach 70% confluency.
7. Harvest the cells using trypsin. Seed the cells into a flask containing 10 mL of pre-warmed medium.
8. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. The cells should reach 70% confluency.

**Incubation Atmosphere** 37 °C, 5% CO<sub>2</sub>

**Flask Coating** No coating

**Freezing Procedure** Harvest cells using trypsin. Seed cells into a flask containing 10 mL of pre-warmed medium. Incubate cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. The cells should reach 70% confluency.

**Shipping Conditions** Cells should be shipped at -78°C.

**Storage Conditions** Cells should be stored at -150 to -196°C.

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

**Sterility** Cells are free of mycoplasma contamination. Cells are free of endotoxins. Cells are free of PCR inhibitors.

**XXXXXXXX SK-MEL-5 | 300157**

**XXXXXXXX XXXXXXXXXXXX STRAmelogenin: xXx**

**CSF1PO:** 10X13  
**D13S317:** 10X12  
**D16S539:** 10X12  
**D5S818:** 11X13  
**D7S820:** 9X12  
**TH01:** 6,9  
**TPOX:** 11  
**vWA:** 14X18  
**D3S1358:** 16X17  
**D21S11:** 29  
**D18S51:** 15X16  
**Penta E:** 5,12  
**Penta D:** 9X11  
**D8S1179:** 12:15  
**FGA:** 20.2X22

**XXXXXXXX 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