

Product sheet

SK-MEL-28 | 300337

General Information

<b>Description</b>	SK-MEL-28 (SK-MEL-28) is a cell line derived from a 51-year-old male patient with melanoma. It was established by T. Takahashi et al. (2003) and is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10% human placental extract (HPE).
<b>Organism</b>	Human
<b>Tissue</b>	Melanoma
<b>Disease</b>	Melanoma
<b>Synonyms</b>	SK-Mel-28, SK.MEL.28, SK-MEL 28, SK MEL-28, SK MEL 28, SK Mel 28, SKMel-28, SKMEL-28, SK-MEL28, SK-Mel28, SK Mel28, SKMEL28, SKMel28, SKmel28, SKML-28, SK28, AU-Mel, P-36, P36

Cell Culture

<b>Age</b>	51 years
<b>Gender</b>	Male
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

Identification

<b>Citation</b>	SK-MEL-28 (SK-MEL-28) Cytion 300337
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellSaurusAccession</b>	CVCL_0526

Protein Expression

<b>Protein expression</b>	P53 (low)
<b>Isoenzymes</b>	PGM3, 1, PGM1, 1, ES-D, 1, AK-1, 1-2, GLO-1, 2, G6PD, B



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**Thawing and Culturing Cells**

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 10-15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
3. Monitor cell growth and confluency. Once cells reach 70-80% confluency, they can be passaged.
4. Harvest cells by trypsinization. Add 1 mL of trypsin to the flask and incubate for 5-10 minutes.
5. Centrifuge the cells at 300 x g for 5 minutes. Wash the cells with PBS.
6. Resuspend the cells in a fresh medium. Seed into a new flask.
7. Repeat the process for subsequent passages.
8. Store cells in liquid nitrogen for long-term storage.

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

**Flask Coating** Non-adherent

**Freezing Procedure** Harvest cells and resuspend in freezing medium. Store at -80°C.

**Shipping Conditions** Store at -80°C. Ship on dry ice.

**Storage Conditions** Store at -150°C for up to 196 weeks.

SK-MEL-28 / SK-MEL-28 / HLA

**Sterility** The cells are provided as a sterile suspension. PCR confirmed negative for mycoplasma contamination.

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**STR**

**Amelogenin:** x,y  
**CSF1PO:** 10,12  
**D13S317:** 11,12  
**D16S539:** 9,12  
**D5S818:** 13  
**D7S820:** 10  
**TH01:** 7  
**TPOX:** 8,12  
**vWA:** 16,19  
**D3S1358:** 16,18  
**D21S11:** 28,29  
**D18S51:** 12,16  
**Penta E:** 8,12  
**Penta D:** 9,1  
**D8S1179:** 13  
**FGA:** 19

**HLA**

**A\*:** 11:01:01  
**B\*:** '40:01:02  
**C\*:** 03:04:01  
**DRB1\*:** 04:04:01  
**DQA1\*:** 03:01:01  
**DQB1\*:** 03:02:01  
**DPB1\*:** 03:01:01  
**E:** 01:03:02