

**SK-MEL-5 | 300157**

**Description**

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** SK-Mel-5, SK MEL 5, SK.MEL.5, SK-MEL5, SK 5, SK 5, SK 5, SK 5, SK 5, SK 5, AA-Mel

**Age** 24

**Gender**

**Ethnicity**

**Morphology** Stellate

**Growth properties**

**Citation** SK-MEL-5( 300157)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0527

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**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 ), w: 2mM L- , w: 2.2g/L NaHCO<sub>3</sub>, w: EBSS( 820100a)

**Supplements** 10% FBS 1% NEAA

**Dissociation Reagent**

**Subculturing** PBS . T25 3~5ml, T75 5~10ml PBS . T25

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

**Seeding density**  $1 \times 10^4 / \text{cm}^2$

**Fluid renewal** 2~3

**Post-Thaw Recovery**  $5 \times 10^2$  , 24 .

**Freeze medium** (FBS ) + 10% DMSO , CM-1(Cytion 800100)

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**Thawing and Culturing Cells**

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

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

**Flask Coating**

**Freezing Procedure** -78°C .

**Shipping Conditions**

-78°C .

**Storage Conditions** -150°C -196°C .80°C .

/ / HLA

**Sterility** PCR .

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**STR**

**Amelogenin:** x,x  
**CSF1PO:** 10,13  
**D13S317:** 10, 12  
**D16S539:** 10, 12  
**D5S818:** 11,13  
**D7S820:** 9,12  
**TH01:** 6,9  
**TPOX:** 11  
**vWA:** 14,18  
**D3S1358:** 16, 17  
**D21S11:** 29  
**D18S51:** 15, 16  
**Penta E:** 5,12  
**Penta D:** 9,11  
**D8S1179:** 12 15  
**FGA:** 20,2,22

**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