

**SK-MEL-5 | 300157**

**Description**

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** SK-Mel-5, SK MEL 5, SK.MEL.5, SK-MEL5, SKMel-5, SKMEL-5, SKMEL5, SKMel5, SKmel5, AA-Mel

**Age** 24

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

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

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0527

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<b>Protein expression</b>	P53
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<b>Isoenzymes</b>	PGM1 1-2 PGM3 1 ES-D 1 AK-1 1 GLO-1 1-2 G6PD B	0.0860
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<b>Tumorigenic</b>	
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**Products**

<b>Culture Medium</b>	EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO3 w EBSS Cytion	820100a
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<b>Supplements</b>	10% FBS 1% NEAA
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<b>Dissociation Reagent</b>	
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<b>Subculturing</b>	PBS T25 3-5ml T75 5-10ml PBS T25	1-2m
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<b>Split ratio</b>	1 3 1 6
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<b>Seeding density</b>	$1 \times 10^4 / \text{cm}^2$
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<b>Fluid renewal</b>	2 3
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<b>Post-Thaw Recovery</b>	$4 \times 10^4$ <del>cm<sup>2</sup></del> 24
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<b>Freeze medium</b>	FBS 10 DMSO	CM-1
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**Thawing and  
Culturing Cells**

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

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

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions**

-78

**Storage Conditions** -150 -196 80

**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