

**SK-MEL-5** | 300157

**Description** T. Takahashi

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** SK-Mel-5 SK MEL 5 SK.MEL.5 SK-MEL5 SKMel-5 SKMEL-5 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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<b>Products</b>	
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<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>	Accutase
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<b>Subculturing</b>	PBS T25 3-5 PBS T75 5-10	Accutase T25 1-2 T75 2.5
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<b>Split ratio</b>	1:3 1:6
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<b>Seeding density</b>	$1 \times 10^4$ /
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<b>Fluid renewal</b>	2 3
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<b>Post-Thaw Recovery</b>	$4 \times 10^5$	24
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<b>Freeze medium</b>	FBS +10% DMSO CM-1 Cytion	800100	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.		8	15	
6.	300 x g	3		
7.	10		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 -196 -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