

SK-LU-1 | 300335

<b>Description</b>	SK-LU-1	NSCLC	SK-LU-1	SK
	SK-LU-1	PBMC	SK-LU-1	
	SK-LU-1		SK-LU-1	NSCLC

**Organism**

<b>Tissue</b>	
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<b>Disease</b>	III
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<b>Synonyms</b>	SK-Lu-1, SK LU 1, SK-Lu1, SK-LU1, SKLU-1, SKLU1, SKLU01
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<b>Age</b>	60
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**Gender**

<b>Ethnicity</b>	
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**Morphology**

<b>Growth properties</b>	
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<b>Citation</b>	SK-LU-1 Cytion 300335
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0629
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**SK-LU-1 | 300335**

**Protein expression** P53

**Antigen expression** O Rh+ HLA Aw24 Aw32 B27 Bw41

**Isoenzymes** Me-2 1 PGM3 1 PGM1 2 ES-D 2 AK-1 1 GLO-1 2 G6PD B

**Tumorigenic** nu-nu

**Karyotype** 2S 4.4% 1p t(1q,11q) 11q+ t(13,?) 16q+ t(12q,18q) M10 t(2q,13q) i(15) t(xp,21q) S  
15 QM Y 0.00003

**Culture Medium** EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO3 w EBSS Cytion 820100a

**Supplements** 10% FBS 1% NEAA

**Dissociation Reagent** Accutase

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

**Split ratio** 1:2

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

**Fluid renewal** 2

**Post-Thaw Recovery**  $4 \times 10^5$  24

**Freeze medium** 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,y
- CSF1PO:** 10
- D13S317:** 10
- D16S539:** 8
- D5S818:** 11
- D7S820:** 9
- TH01:** 7
- TPOX:** 8,1
- vWA:** 16,17
- D3S1358:** 18
- D21S11:** 29,30.2
- D18S51:** 18
- Penta E:** 5
- Penta D:** 10,13
- D8S1179:** 10
- FGA:** 21,22

**HLA**

- A\*:** '24:02:01
- B\*:** '40:02:01
- C\*:** '02:02:02
- DRB1\*:** '13:01:01
- DQA1\*:** '01:03:01
- DQB1\*:** '06:03:01
- DPB1\*:** '04:02:01
- E:** '01:01:01