

SK-LU-1 | 300335

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

**Organism**

<b>Tissue</b>
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**Disease** III

<b>Synonyms</b>	SK-Lu-1 SK LU 1 SK-Lu1 SK-LU1 SKLU-1 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	300335
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**Biosafety level** 1

<b>NCBI_TaxID</b>	9606
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**CellosaurusAccession** CVCL\_0629

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<b>Protein expression</b>	P53
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<b>Antigen expression</b>	O Rh+ HLA Aw24 Aw32 B27 Bw41
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<b>Isoenzymes</b>	Me-2 1 PGM3 1 PGM1 2 ES-D 2 AK-1 1 GLO-1 2 G6PD B
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<b>Tumorigenic</b>	nu-nu
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<b>Karyotype</b>	4 2S 4.4 1p t(1q,11q) 11q+ t(13,?) 16q+ t(12q,18q) M10 t(2q,13q) i(15) t(xp,21q) 0.00003
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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>	
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<b>Subculturing</b>	PBS T25 3-5ml T75 5-10ml PBS T25
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<b>Split ratio</b>	1 2
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<b>Seeding density</b>	1 × 10 <sup>4</sup> /cm <sup>2</sup>
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<b>Fluid renewal</b>	2
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<b>Post-Thaw Recovery</b>	4 <del>5</del> 24
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<b>Freeze medium</b>	FBS 10 DMSO
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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,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