

SK-LU-1 | 300335

Description	SK-LU-1	NSCLC	SK-LU-1	SK
	SK-LU-1	PBMC	SK-LU-1	
	SK-LU-1		SK-LU-1	NSCLC

Organism

Tissue	
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Disease	III
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Synonyms	SK-Lu-1, SK LU 1, SK-Lu1, SK-LU1, SKLU-1, SKLU1, SKLU01
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Age	60
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Gender

Ethnicity	
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Morphology

Growth properties	
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Citation	SK-LU-1 Cytion 300335
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0629
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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) 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 1×10^4 /

Fluid renewal 2

Post-Thaw Recovery 4×10^5 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% CO₂

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