

SK-LU-1 | 300335

Description	SK-LU-1 , (NSCLC)	SK-LU-1 ,
	, SK-LU-1	(PBMC)
	SK-LU-1	SK-LU-1

Organism

Tissue

Disease (3)

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

Morphology

Growth properties

Citation	SK-LU-1(300335)
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Biosafety level 1

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 ,

Karyotype 4.4% 2S . 1p, t(1q,11q), 11q+, t(13,?), 16q+, t(12q, 18q). M10, t(2q,13q), i(15), ?t(xp,21) t(16,?), t(14,21) . 4~9 . 7 6 , X , 15

Culture Medium EMEM(MEM), w: 2mM L- , w: 2.2g/L NaHCO3, w: EBSS(820100a)

Supplements 10% FBS 1% NEAA

Dissociation Reagent

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Split ratio 1:2

Seeding density $1 \times 10^4 / \text{cm}^2$

Fluid renewal 2

Post-Thaw Recovery 5×10^4 , 24 .

Freeze medium (FBS) + 10% DMSO , 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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere

37°C, 5% CO₂ .

Flask Coating

Freezing Procedure

-78°C .

Shipping Conditions

-78°C .

Storage Conditions

-150°C -196°C .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