

Product sheet

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

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

Morphology

Growth properties

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) 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 1×10^4 /

Fluid renewal 2

Post-Thaw Recovery ⁴ 5×10 24

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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

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