

SK-MES-1 | 300339

Description	SK-MES-1	LSQCC	NSCLC 2	SK-MES-1	p53
	SK-MES-1				
	SK-MES-1	G1/S			Costunolid

Organism

Tissue

Disease

Metastatic site

Synonyms SK MES 1, SKMES-1, SK-Mes-1, SK-MES1, SKMES1, SK-MES, SKMES

Age 65

Gender

Ethnicity

Morphology

Growth properties

Citation SK-MES-1 (Cytion 300339)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0630

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Protein expression	P53
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Isoenzymes	Me-2 1-2 PGM3 1 PGM1 1-2 ES-D 1 AK-1 1 GLO-1 1 G6PD B	0.0132
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Karyotype	3 2S 3.2 17 20 S x 13 19 2 3 14 17 20	Y
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Culture Medium	EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO3 w EBSS Cytion	820100a
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Supplements	10% FBS 1% NEAA
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Dissociation Reagent	
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Subculturing	PBS T25 3-5ml T75 5-10ml PBS T25	1-2m
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Split ratio	1 3 1 6
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Seeding density	$1 \times 10^4 / \text{cm}^2$
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Fluid renewal	2 3
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Post-Thaw Recovery	$\frac{4}{\sqrt{10}}$ 24
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Freeze medium	FBS 10 DMSO	CM-1
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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% CO₂

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:** 12
- D13S317:** 11
- D16S539:** 13
- D5S818:** 11
- D7S820:** 8
- TH01:** 6,9,3
- TPOX:** 8
- vWA:** 14
- D3S1358:** 16
- D21S11:** 29,3
- D18S51:** 17
- Penta E:** 5,11
- Penta D:** 12 13
- D8S1179:** 13 14
- FGA:** 20,24

HLA

- A*:** '03:01:01
- B*:** '07:02:01
- C*:** '07:02:01
- DRB1*:** '16:01:01
- DQA1*:** '01:02:02
- DQB1*:** '05:02:01
- DPB1*:** '04:01:01
- E:** '01:03:02