

SK-MES-1 | 300339

Description	SK-MES-1	LSQCC	NSCLC	SK-MES-1	p53
	SK-MES-1			SK-MES-1	S
	SK-MES-1		G1/S	Costunolide	p53 Bax

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																	
Isoenzymes	Me-2	1-2	PGM3	1	PGM1	1-2	ES-D	1	AK-1	1	GLO-1	1	G6PD	B	0.0132			
Karyotype			2S	3.2%	S	17	20		x	13	19	2	3	14	17	20	QM	
Culture Medium	EMEM	MEM	Eagle	w	2 mM	L-	w	2.2 g/L	NaHCO ₃	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	1:3		1:6															
Seeding density	1 × 10 ⁴		/															
Fluid renewal	2		3															
Post-Thaw Recovery	4		5 × 10					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:** 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