Product sheet

SK-MEL-1 | 300424

[redacted]

Description	[redacted] 1966 [redacted] F. Oettgen [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Metastatic site	[redacted]
Synonyms	SK-Mel-1, SK Mel 1, SK-Mel 1, SK-Mel1, SKMEL-1, SkMEL-1, SKMEL1, SK 1

[redacted]

Age	29 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	SK-MEL-1 ([redacted] Cytion 300424)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0068

[redacted]

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Antigen expression	[redacted] A, Rh+ [redacted] 63% [redacted]
Isoenzymes	PGM3, 1, PGM1, 1, ES-D, 1, AK-1, 1, GLO-1, 1-2, G6PD, B,
Tumorigenic	[redacted]
Products	[redacted]
Mutational profile	[redacted] BRAF [redacted] V600E [redacted] DNA ([redacted], RT-PCR) [redacted] (

[redacted]

Culture Medium	RPMI 1640, w: 2.1 mM [redacted], w: 2.0 [redacted]/[redacted] NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] FBS [redacted] 15%
Dissociation Reagent	[redacted]
Subculturing	[redacted] 5 x 10
Split ratio	[redacted] 1:2 [redacted] 1:4
Seeding density	1 [redacted] 2 x 10^5 [redacted]/[redacted]
Fluid renewal	2 [redacted] 3 [redacted]
Freeze medium	[redacted] ([redacted] FBS) + 10% DMSO

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Thawing and Culturing Cells	1. 2. cryovial -150 3. 37°C 4. 70% 5. 15 6. 300 x g 3 7. 10 8.
Incubation Atmosphere	37°C, 5% $_{CO2}$,
Flask Coating	
Freezing Procedure	
Shipping Conditions	
Storage Conditions	−150 −196 °C

Sterility	PCR

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[redacted] STR	**Amelogenin**: x,y **CSF1PO**: 12,13 **D13S317**: 11 **D16S539**: 11,12 **D5S818**: 12,13 **D7S820**: 12 **TH01**: 6 **TPOX**: 11 **vWA**: 16,17 **D3S1358**: 14,16 **D21S11**: 29,32.2 **D18S51**: 13,16 **Penta E**: 7,21 **Penta D**: 11,13 **D8S1179**: 13,16 **FGA**: 18,2
[redacted] HLA	**A***: 26:01:01 **B***: '35:01:01, '38:01:01 **C***: '04:01:01, '12:03:01 **DRB1***: '04:02:01 **DQA1***: '03:01:01 **DQB1***: '03:02:01 **DPB1***: '04:01:01 **E**: '01:01:01, '01:03:01