Product sheet

SK-MEL-5 | 300157

Description	T. Takahashi
Organism	
Tissue	
Disease	
Metastatic site	
Applications	MAPK/ERK T
Synonyms	SK-Mel-5 SK MEL 5 SK.MEL.5 SK-MEL5 SKMel-5 SKMEL-5 SKMel5 SKmel5 AA-Mel

Age	24
Gender	
Ethnicity	
Morphology	
Cell type	/
Growth properties	

Citation	SK-MEL-5 Cytion 300157
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0527

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GMO Status	T. Takahashi

Protein expression	P53
Isoenzymes	PGM1 1-2 PGM3 1 ES-D 1 AK-1 1 GLO-1 1-2 G6PD B 0.0860
Tumorigenic	
Products	

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
Doubling time	24 36
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5
Split ratio	1 3
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
Sterility	PCR

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STR	**Amelogenin**: x,x **CSF1PO**: 10,13 **D13S317**: 10,12 **D16S539**: 10,12 **D5S818**: 11,13 **D7S820**: 9,12 **TH01**: 6,9 **TPOX**: 11 **vWA**: 14,18 **D3S1358**: 16,17 **D21S11**: 29 **D18S51**: 15,16 **Penta E**: 5,12 **Penta D**: 9,11 **D8S1179**: 12,15 **FGA**: 20.2,22
HLA	**A***: '02:01:01, '11:01:01 **B***: '07:02:01, '40:01:02 **C***: '03:04:01, '07:02:01 **DRB1***: '04:01:01, '13:01:01 **DQA1***: '01:03:01, '03:01:01 **DQB1***: '03:02:01, '06:03:01 **DPB1***: '03:01:01, '16:01:01 **E**: '01:01, '01:03