Product sheet

MEL-CLS-2 [redacted] | 300283

[redacted]

Description	[redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]

[redacted]

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

[redacted]

Citation	MEL-CLS-2 ([redacted] Cytion 300283)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6001

[redacted]

Protein expression	[redacted]53 [redacted]
Tumorigenic	[redacted]
Mutational profile	BRAF V600Emut

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Karyotype	[redacted] 51 [redacted] 38-56

[redacted]

Culture Medium	DMEM, w: 4.5 [redacted]/[redacted] [redacted], w: 4 [redacted] [redacted]-[redacted], w: 3.7 [redacted]/[redacted] NaHCO3, w: 1.0 [redacted] [redacted]
Supplements	[redacted] FBS 10%
Dissociation Reagent	[redacted]
Subculturing	[redacted] PBS [redacted] [redacted] T25 [redacted]
Seeding density	1 [redacted] 2 x 10^4 [redacted]/[redacted]
Fluid renewal	[redacted] 3 [redacted]
Freeze medium	[redacted] [redacted] ([redacted] FBS) + 10% DMSO

Thawing and Culturing Cells

1. [redacted] [redacted]
2. [redacted] [redacted] cryovial [redacted] -150 [redacted] [redacted]
3. [redacted] [redacted] 37°C [redacted]
4. [redacted] [redacted] 70%
5. [redacted] [redacted] 15 [redacted]
6. [redacted] 300 x g [redacted] 3 [redacted] [redacted] [redacted]
7. [redacted] [redacted] 10 [redacted] [redacted] [redacted]
8. [redacted]

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Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Flask Coating	[redacted]
Freezing Procedure	[redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted]

Sterility	[redacted] PCR [redacted] [redacted]

[redacted] HLA

A*: '02:06:01, '68:02:01
B*: '39:01:01, '53:01:01
C*: '03:04:01, '04:01:01
DRB1*: '03:01:01, '04:01:01
DQA1*: '03:03:01, '05:01:01
DQB1*: '02:01:01, '03:01:01
DPB1*: '02:01:02, '04:01:01
E: '01:01, '01:03