Product sheet

[redacted] HaCaT | 300493

[redacted]

Description	[redacted] HaCaT [redacted]
Organism	[redacted]
Tissue	[redacted]

[redacted]

Age	62 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Cell type	[redacted] 20-25 [redacted]
Growth properties	[redacted]

[redacted]

Citation	HaCaT ([redacted] Cytion 300493)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0038

[redacted]

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Tumorigenic	
Karyotype	( )

Culture

Culture Medium	DMEM, w: 4.5 g/L , w: 4 mM L- , w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 820300a)
Supplements	10% FBS
Dissociation Reagent	1:1 EDTA (: 0.05%) (: 0.1%) PBS /EDTA.
Doubling time	HaCaT 28 .

Subculturing

1. .
2. T25, 5-10 " T75,
3. EDTA 0.05% . -1-2 " T25 -2.5 "
4. 37°C 10 .
5. /EDTA (0.05% , 0.025% EDTA) TrypLE Ex 3 -4 -TrypLE Express.)
6. . 1-5 .
7. (FBS) .
8. .

Split ratio	A ratio of 1:5 to 1:10 is recommended
Seeding density	1 x 10^4 "/
Fluid renewal	
Freeze medium	, FBS) + 10% DMSO , C

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Thawing and Culturing Cells

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]

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

[illegible] / [illegible] / HLA

Sterility	[illegible] PCR [illegible] [illegible]

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STR	**Amelogenin**: x,x **CSF1PO**: 9,11 **D13S317**: 10,12 **D16S539**: 9,12 **D5S818**: 12 **D7S820**: 9,11 **TH01**: 09. Mrz **TPOX**: 11,12 **vWA**: 16,17 **D3S1358**: 16 **D21S11**: 28,30.2 **D18S51**: 12 **Penta E**: 7,12 **Penta D**: 11,13 **D8S1179**: 14 **FGA**: 24 **D1S1656**: 11,12 **D2S1338**: 17,25 **D12S391**: 18,23 **D19S433**: 13,14
HLA	**A***: '31:01:02 **B***: '40:01:02, '51:01:01 **C***: 03:04:01, 15:02:01 **DRB1***: '04:01:01, '15:01:01 **DQA1***: '01:02:01, '03:03:01 **DQB1***: '03:01:01, '06:02:01 **DPB1***: '03:01:01, '04:01:01 **E**: 01:03:01, 01:03:02