Product sheet

[redacted] THP-1 | 300356

[redacted]

Description	[redacted] THP1 [redacted] THP-1 [redacted] THP-1 [redacted] THP-1 [redacted] THP-1 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Applications	[redacted] THP1 [redacted], [redacted]
Synonyms	THP1, THP 1, THPI, O-THP-1, Tohoku Hospital Pediatrics-1

[redacted]

Age	1 [redacted]
Gender	[redacted]
Morphology	[redacted]
Cell type	[redacted]
Growth properties	[redacted] THP1 [redacted]

[redacted]

Citation	THP-1 ([redacted] Cytion 300356)
Biosafety level	1

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NCBI_TaxID	9606
CellosaurusAccession	CVCL_0006

[redacted]

Receptors expressed	[redacted] HLA: HLA-A2, -A9, -B5, -DRw1, -DRw2Fc, C3b
Isoenzymes	[redacted] THP-1 [redacted] CD4, CCR5 [redacted] CxCR4 [redacted] HIV
Products	[redacted]
Karyotype	[redacted] THP-1 [redacted]

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 [redacted]/[redacted] NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] FBS [redacted] 10%
Doubling time	[redacted] THP-1 [redacted] 19 [redacted] 50 [redacted] [redacted] 35 [redacted]
Subculturing	[redacted] [redacted]/[redacted]
Seeding density	0.5 x 10^6 [redacted]/[redacted]
Fluid renewal	2 [redacted] 3 [redacted]
Freeze medium	[redacted] [redacted] ([redacted] FBS) + 10% DMSO

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Thawing and Culturing Cells

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

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] / [redacted] / HLA

Sterility	[redacted] PCR [redacted]

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[redacted] HLA	**A***: '02:01:01 **B***: 15:11:01 **C***: '03:03:01 **DRB1***: '01:01:01, '15:01:01 **DQA1***: '01:01:01, '01:02:01 **DQB1***: '05:01:01, '06:02:01 **DPB1***: '02:01:02G, '04:02:01G **E**: '01:03:02