# Product sheet

## iPSC-hDPSC | 300622

### [redacted]

| | |
|---|---|
| **Description** | [redacted] iPSC-hDPSC [redacted] (hDPSCs) [redacted] (hDPSCs) [redacted] |
| **Organism** | [redacted] |
| **Tissue** | [redacted] |
| **Disease** | [redacted] |
| **Applications** | [redacted] |

### [redacted]

| | |
|---|---|
| **Ethnicity** | [redacted] |
| **Morphology** | IPSC, [redacted] |
| **Cell type** | [redacted] |
| **Growth properties** | [redacted] |

### [redacted]

| | |
|---|---|
| **Citation** | iPSC-hDPSC ([redacted] Cytion 300622) |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_B7DW |
| **GMO Status** | GMO-S1: [redacted] iPSC [redacted] (iPSC-hDPSC) [redacted] OCT4, SOX2, |

### [redacted]

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## [redacted]

| | |
|---|---|
| **Culture Medium** | [redacted] |
| **Dissociation Reagent** | ReLeSR |
| **Subculturing** | [redacted]:<br>1. [redacted] PBS ([redacted])<br>2. [redacted]<br>3. [redacted]<br>4. [redacted]<br>5. [redacted] 6 [redacted] |
| **Seeding density** | [redacted] |
| **Fluid renewal** | [redacted] |
| **Post-Thaw Recovery** | [redacted] |
| **Freeze medium** | [redacted] FBS 80% + [redacted] 10% + DMSO 10% [redacted] |

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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]

| | |
|---|---|
| **Sterility** | [redacted] PCR [redacted] |