# [redacted] - [redacted] - [redacted] | 300648

## [redacted]

| | |
|---|---|
| **Description** | [redacted] (hMSCs) [redacted] |
| **Organism** | [redacted] |
| **Tissue** | [redacted] - [redacted] |
| **Applications** | [redacted], [redacted], [redacted] |

## [redacted]

| | |
|---|---|
| **Age** | [redacted] |
| **Gender** | [redacted] |
| **Ethnicity** | [redacted] |
| **Morphology** | [redacted] 5 [redacted] [redacted] 2% [redacted] |
| **Cell type** | [redacted] |
| **Growth properties** | [redacted] |

## [redacted]

| | |
|---|---|
| **Citation** | [redacted] - [redacted] ([redacted] Cytion 300648) |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |

## [redacted]

## [redacted] - [redacted] - [redacted] | 300648

| | |
|---|---|
| **Antigen expression** | [redacted] CD73/CD90/CD105 ([redacted]) [redacted]-CD14/CD34/CD45/HLA-DR ([redacted]), [redacted] |
| **Viruses** | [redacted]-HBV (PCR), Treponema pallidum (PCR) [redacted]-HIV-1/2 (IFA). [redacted]-HBV, HCV, HSV1, HSV2, CMV, EBV, HHV gondii, Treponema pallidum, Chlamydia trachomatis, Ureaplasma urealyticum [redacted]-Ureaplasma parvum. |

## [redacted]

| | |
|---|---|
| **Culture Medium** | [redacted] MEM, w: 2.0 mM [redacted], w/o: [redacted], w/o: [redacted], w: 1.0 mM [redacted], w: 2.2g |
| **Supplements** | [redacted] 10% FBS, 2 ng/mL bFGF |
| **Dissociation Reagent** | [redacted]-EDTA |
| **Subculturing** | [redacted]: [redacted] [redacted]-PBS [redacted] CO2' [redacted] 2-3 [redacted] |
| **Seeding density** | 1 [redacted] 3 x 10[redacted]/[redacted] |
| **Fluid renewal** | [redacted] 24 [redacted], [redacted] 2-3 [redacted] |
| **Freeze medium** | [redacted]-80% FBS + 10% [redacted] + 10% DMSO [redacted], [redacted] CM-1 ([redacted] |

## [redacted] - [redacted] - [redacted] | 300648

### Thawing and Culturing Cells

1. [redacted]
2. [redacted] -150°C [redacted]
3. [redacted] 37 [redacted]
4. [redacted] 70% [redacted]
5. [redacted] 15 [redacted] 8 [redacted]
6. [redacted] -300 x g [redacted] 3 [redacted]
7. [redacted] -10 [redacted] T2
8. [redacted]

| | |
|---|---|
| **Incubation Atmosphere** | 37°C, 5% $_{CO2}$, [redacted] |
| **Flask Coating** | [redacted] |
| **Freezing Procedure** | [redacted] -78°C |
| **Shipping Conditions** | [redacted] -78°C |
| **Storage Conditions** | [redacted] -150 [redacted] 196 [redacted] |

## [redacted] / [redacted] / HLA

| | |
|---|---|
| **Sterility** | [redacted] PCR [redacted]<br>[redacted] |