Product sheet

# HROBMC01 [redacted] | 300800

## [redacted]

| | |
|---|---|
| **Description** | [redacted] PD Dr. Michael Linnebac |
| **Organism** | [redacted] |
| **Tissue** | [redacted] |
| **Disease** | [redacted] |
| **Metastatic site** | [redacted] |
| **Applications** | [redacted]; [redacted] |

## [redacted]

| | |
|---|---|
| **Age** | 60 [redacted] |
| **Gender** | [redacted] |
| **Ethnicity** | [redacted] |
| **Morphology** | [redacted] |
| **Cell type** | [redacted] |
| **Growth properties** | [redacted] |

## [redacted]

| | |
|---|---|
| **Citation** | HROBMC01 ([redacted] Cytion 300800) |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_1D08 |
| **GMO Status** | [redacted]; [redacted] CRC [redacted] |

## HROBMC01 [redacted] | 300800

### [redacted]

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| **Protein expression** | [redacted] |
| **MSI-status** | [redacted] |
| **Mutational profile** | P53 [redacted], APC [redacted], K-RasG12VA, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt |

### [redacted]

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|---|---|
| **Culture Medium** | DMEM:Ham's F12 (1:1), w: 3.1 [redacted]/[redacted] [redacted], w: 2.5 [redacted] L-[redacted], w: 15 [redacted] HEPES, w: 0.5 [redacted] |
| **Supplements** | [redacted] FBS 10% |
| **Dissociation Reagent** | [redacted] |
| **Doubling time** | 30 [redacted] |
| **Subculturing** | [redacted] PBS [redacted] T25 [redacted] |
| **Split ratio** | 1 [redacted] 3 |
| **Seeding density** | 1 x 10^4 [redacted]/[redacted] ^ |
| **Fluid renewal** | [redacted] 3 [redacted] 5 [redacted] |
| **Post-Thaw Recovery** | [redacted] 48 [redacted] |
| **Freeze medium** | [redacted] (FBS) + 10% DMSO |

## HROBMC01 [redacted] | 300800

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|---|---|
| **Thawing and Culturing Cells** | 1. [redacted]<br>2. [redacted] cryovial [redacted] -150 [redacted]<br>3. [redacted] 37°C [redacted]<br>4. [redacted] 70%<br>5. [redacted] 15 [redacted]<br>6. [redacted] 300 x g [redacted] 3 [redacted]<br>7. [redacted] 10 [redacted]<br>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]

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