# Product sheet

## [redacted] Ku 80-/- | 305258

### [redacted]

| | |
|---|---|
| **Description** | [redacted] Ku80-/- MEF (Mouse Embryonic Fibroblast) [redacted] MEF [redacted] Ku80-/- [redacted] MEF [redacted] Ku80-/- [redacted] NHEJ [redacted] |
| **Organism** | [redacted] |
| **Tissue** | [redacted] |
| **Disease** | [redacted] (Ku80/XRCC5 [redacted]; SV40-[redacted]; [redacted] NHEJ) |
| **Metastatic site** | [redacted] (MEF [redacted]; [redacted]) |
| **Applications** | [redacted] DNA [redacted] NHEJ; [redacted] Ku80/XRCC5; [redacted] DNA (DSB); [redacted] |
| **Synonyms** | Ku80-/- MEF |

### [redacted]

| | |
|---|---|
| **Age** | 12-13 [redacted] |
| **Gender** | [redacted] |
| **Ethnicity** | [redacted] ([redacted]) |
| **Morphology** | [redacted] |
| **Cell type** | [redacted] |
| **Growth properties** | [redacted] |

### [redacted]

| | |
|---|---|
| **Citation** | Ku 80-/- ([redacted] Cytion 305258) |
| **Biosafety level** | 2 |

# [redacted] Ku 80-/- | 305258

| | |
|---|---|
| **NCBI_TaxID** | 10090 |
| **CellosaurusAccession** | CVCL_UJ16 |
| **GMO Status** | GMO-S1: [redacted] MEF [redacted] Ku80 (XRCC5) [redacted] T [redacted] |

## [redacted]

| | |
|---|---|
| **Viruses** | [redacted]: [redacted] 40 (SV40) |
| **Mutational profile** | [redacted]: Ku80-/- |

## [redacted]

| | |
|---|---|
| **Culture Medium** | DMEM, w: 4.5 [redacted]/[redacted] [redacted], w: 4 [redacted] [redacted]-[redacted], w: 3.7 [redacted]/[redacted] NaHCO3, w: 1.0 [redacted] [redacted] |
| **Supplements** | [redacted] FBS 10% |
| **Dissociation Reagent** | [redacted] |
| **Subculturing** | [redacted] PBS [redacted] [redacted] T25 [redacted] |
| **Freeze medium** | [redacted] [redacted] ([redacted] FBS) + 10% DMSO |

## [redacted] Ku 80-/- | 305258

| | |
|---|---|
| **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]

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