

Product sheet

15P-1 | 305191

15P-1

Description 15p-1 is a cell line derived from the primary tumor site of a male C57BL/6 x DBA/2 mouse. The cells are maintained in DMEM supplemented with 10% FBS. The cells are grown at 37°C in a humidified atmosphere of 5% CO₂.

Organism Mouse, Mus musculus

Tissue Testis

Metastatic site Primary tumor site (testis)

Applications Androgen receptor biology; prostate cancer androgen signalling; testicular endocrinology; androgen-responsive gene expression; drug screening for androgen pathway inhibitors

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Breed/Subspecies C57BL/6 x DBA/2

Age 6 weeks

Gender Male

Morphology Epithelial cells

Cell type Epithelial cells

Growth properties Adherent

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Citation 15P-1 (15P-1) Cytion 305191

Biosafety level 1

NCBI_TaxID 10090

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 10-15 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
3. Monitor the cells for attachment and growth. Change the medium after 24-48 hours.
4. Once the cells are established, they can be passaged into fresh medium.
5. The cells should reach a density of approximately 1.5 x 10⁶ cells per flask.
6. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes.
7. Resuspend the cells in a volume of 10 mL of medium. Seed into a new flask.
8. Repeat the process for subsequent passages.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Non-adherent

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C during shipping.

Storage Conditions Store at -150°C for up to 196 weeks.

HLA

Sterility The cells are provided in a sterile, cryoprotected medium. PCR genotyping is available upon request.