

C4-2 | 305752

Cell Line - Characterization

Mutational profile	AR, p.Thr878Ala (c.2632A>G), MEN1, p.Tyr318Ter (c.954T>G) (p.Tyr313Ter, c.939T>A), p.Arg639Ter (c.1915C>T), PTEN, p.Lys6Argfs*4 (c.17_18delAA),
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Media

Culture Medium	DMEM:Hams F12 (4:1)
Supplements	Supplement the medium with 10% hia FBS
Seeding density	2 - 3 x 10 ⁴ cells/cm ²
Fluid renewal	2 - 3 times per week
Freeze medium	DMEM:Hams F12 (4:1) + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a water bath at 37°C. Transfer cells to a sterile tube and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in DMEM:Hams F12 (4:1) + 10% FBS.
2. Seed cells into a T25 flask at a density of 2 - 3 x 10⁴ cells/cm².
3. Incubate cells in a humidified incubator at 37°C with 5% CO₂.
4. Monitor cell growth and confluency. Once cells reach 70% confluency, passage the cells.
5. For passage, trypsinize cells and seed them into a new T25 flask at a density of 1.5 x 10⁴ cells/cm².
6. Repeat the process for subsequent passages.
7. For freezing, trypsinize cells and resuspend them in DMEM:Hams F12 (4:1) + 10% FBS + 10% DMSO.
8. Aliquot the cells into cryovials and store them at -80°C.

Incubation Atmosphere	37°C, 5% CO ₂ , humidified
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Flask Coating XX XXX

**Shipping
Conditions**

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**Storage
Conditions**

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Sterility

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