

Product sheet

ATDC5 | 305427

| | |
|-----------------------------|--|
| Biosafety level | 1 |
| NCBI_TaxID | 10090 |
| CellosaurusAccession | CVCL_0225 |
| GMO Status | "wildtype" |
| Characteristics | |
| Genotype | |
| Culture Medium | DMEM:Ham's F12 (1:1), w: 3.1 g/L , w: 2.5 mM L- , w: 15 mM HEPES, w: 0.5 mM , w: 1.2 g/L NaHCO3 820400a) |
| Supplements | 5% FBS |
| Dissociation Reagent | |
| Subculturing | : -PBS 5% CO ₂ , 2-3 |
| Seeding density | 2 x 10 ⁴ / |
| Freeze medium | (FBS) + 10% DMSO |

ATDC5 | 305427

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. Centrifuge at 300 x g for 5 minutes. Resuspend the cells in 10 ml of complete medium. Seed into a 75 cm² flask.
2. Incubate the cells in a humidified atmosphere of 5% CO₂ at 37°C. Monitor the cells daily under a microscope. When the cells reach 70-80% confluency, passage them.
3. For passage, trypsinize the cells and seed into a new flask. Use a 1:3 to 1:10 split ratio.
4. The cells should reach confluency within 3-5 days. If the cells do not reach confluency, check the medium and CO₂ levels.
5. For long-term storage, trypsinize the cells and resuspend in 1 ml of freezing medium. Seed into a 15 ml tube and freeze at -80°C.
6. For long-term storage, trypsinize the cells and resuspend in 1 ml of freezing medium. Seed into a 15 ml tube and freeze at -80°C.
7. For long-term storage, trypsinize the cells and resuspend in 1 ml of freezing medium. Seed into a 15 ml tube and freeze at -80°C.
8. For long-term storage, trypsinize the cells and resuspend in 1 ml of freezing medium. Seed into a 15 ml tube and freeze at -80°C.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Thaw cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Centrifuge at 300 x g for 5 minutes. Resuspend the cells in 10 ml of complete medium. Seed into a 75 cm² flask.

Shipping Conditions Cells should be shipped at -80°C. Use dry ice for shipping.

Storage Conditions Cells should be stored at -80°C. Use dry ice for shipping.

ATDC5 / ATDC5 / HLA

Sterility Cells are provided in a sterile, cryoprotected medium. PCR screening is available for ATDC5 cells. For more information, contact us at info@cytion.com.