Please read this FIRST

Storage Temp.
liquid nitrogen vapor phase

Biosafety Level
2

Intended Use
This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Complete Growth Medium
The base medium for this cell line is DMEM/F-12 (ATCC 30-2006). To make the complete medium add the following components:
- hTERT Immortalized RPTEC Growth Kit (ATCC ACS-4007) with Supplement A (5 ml) and Supplement B (8ml)
- 0.3 µg/mL puromycin

Citation of Strain
If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: RPTEC/TERT1 OAT3 (ATCC® CRL-4031-OAT3™)

SAFETY PRECAUTION
Unpacking & Storage Instructions
Handling Procedure for Frozen Cells
Subculturing Procedure
Add 2.0 to 3.0 mL of Trypsin-EDTA for Primary Cells (ATCC PCS-999-003) to flask and observe cells under an inverted microscope until cell layer is dispersed (usually within 5 to 15 minutes). Note: To avoid clumping do not agitate the cells by hitting or shaking the flask while waiting for the cells to detach. Cells that are difficult to detach may be placed at 37°C to facilitate dispersal.

4. 0.1% Soybean Trypsin Inhibitor (ATCC 30-2104) is then used to neutralize the trypsin. After neutralization, aspirate cells by gently pipetting.

5. Remove Trypsin Inhibitor via centrifugation.

6. Resuspend the cells with complete growth medium.

7. Add appropriate aliquots of the cell suspension to new culture vessels.

Cultures can be established between 1.0 x 10^4 and 2.0 x 10^4 viable cells/cm².

8. Incubate cultures at 37°C.

Interval: Maintain cultures at a cell concentration between 1.1X 10^4 and 1.5 X 10^5 cell/cm².

Subcultivation Ratio: A subcultivation ratio of 1:3 to 1:8 is recommended

Medium Renewal: 2 to 3 times per week

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**References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).**

**Biosafety Level: 2**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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**Disclaimers**

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org).

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).
Product Sheet

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