Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner:

ASK [Atlantic Salmon Kidney] (ATCC® CRL-2747™)

Handling Procedure for Flask Cultures

The flask was seeded with cells (see specific batch information), grown, and completely filled with medium at ATCC to prevent loss of cells during shipping.

1. Upon receipt, visually examine the culture for macroscopic evidence of any microbial contamination. Using an inverted microscope (preferably equipped with phase-contrast optics), carefully check for any evidence of microbial contamination. Also, check to determine if the majority of cells are still attached to the bottom of the flask; during shipping the cultures are sometimes handled roughly and many of the cells often detach and become suspended in the culture medium (but are still viable).

2. If the cells are still attached, aseptically remove all but 5 to 10 mL of the shipping medium. The shipping medium can be saved for reuse. Incubate the cells at 20°C (without CO₂) in atmospheric air until they are ready to be subcultured.

3. If the cells are not attached, aseptically remove the entire contents of the flask and centrifuge at
**Product Sheet**

**ASK [Atlantic Salmon Kidney] (ATCC® CRL-2747™)**

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**Please read this FIRST**

- **Storage Temp.**
  - liquid nitrogen vapor phase

- **Biosafety Level**
  - 1

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**Intended Use**

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

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**Complete Growth Medium**

The base medium for this cell line is ATCC-formulated Leibovitz’s L-15 Medium, Catalog No. 30-2008. To make the complete growth medium, add the following components to the base medium: fetal bovine serum to a final concentration of 20%.

(Note: The L-15 medium formulation was devised for use in a free gas exchange with atmospheric air. A CO2 and air mixture is detrimental to cells when using this medium for cultivation)

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**Subculturing Procedure**

Subcultures are prepared by scraping. Dislodge cells from the flask substrate with a cell scraper, Aspirate gently and dispense into new flasks.

- **Interval:** Subculture every 10 to 17 days.
- **Subcultivation Ratio:** A subcultivation ratio of 1:2 to 1:3 is recommended.
- **Medium Renewal:** Once per week.

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**Cryopreservation Medium**

Complete culture medium described above supplemented with 10% (v/v) DMSO.

Cell culture tested DMSO is available as ATCC Catalog No. 4-X.

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**Comments**

The ASK (Atlantic Salmon Kidney) cell line was derived by B. Krossoey in 1998 from cells taken from the normal kidney of an Atlantic Salmon. The cell line may be used to propagate Infectious Salmon Anemia virus (ISAV) of the Atlantic Salmon.

**References**

References and other information relating to this product are available online at www.atcc.org.

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**Biosafety Level:** 1

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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**ATCC Warranty**

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

**Disclaimers**

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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.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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