

Immortalized Human Lens Epithelial Cell

Cat. No. ARI0321, 1x10⁶ cells/vial

Description

Immortalized Human Lens Epithelial Cell are derived from eye and have been immortalized to enable stable proliferation and extended culture in vitro. These cells provide a reliable in vitro model for studies of eye, disease mechanisms, drug screening, and related biomedical research.

Specification

Cell Type: Epithelial cell

Tissue/Organ: Eye

Derived from Site: N/A

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Age: N/A

Immortalization Method: Simian virus 40 (SV40)

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

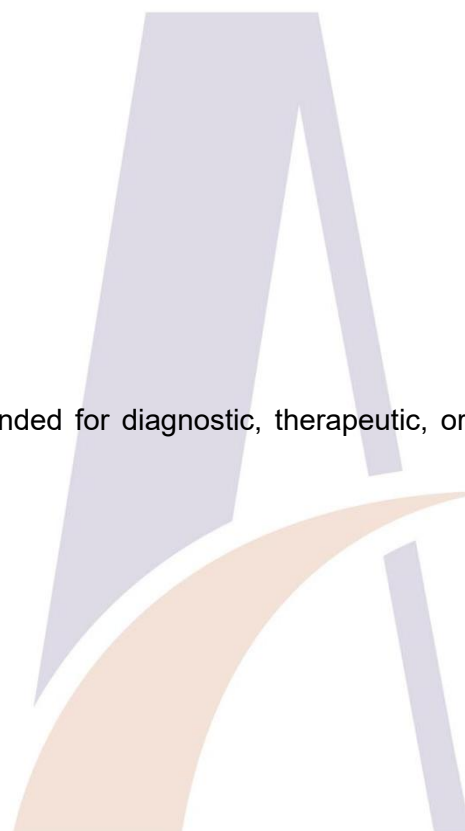
Intended Use

This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Culturing Guidance

Morphology: Polygonal

Growth Mode: Adherent



Temperature: 37°C

Atmosphere: 5% CO₂

Unpacking and Storage Instructions

1. Visually inspect all packaging components for integrity and verify adequate dry ice. If any damage is observed, notify Ascent Technical Support immediately.
2. Prioritize transfer to liquid nitrogen vapor phase storage system (-130°C or below).
Secondary option: -80°C mechanical freezer (short-term storage only).
Always maintain temperature strictly below -65°C.

Disclaimer

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

By accepting this product, the customer acknowledges and agrees to assume all risks associated with its receipt, handling, storage, disposal, and use, including compliance with all applicable safety and environmental regulations and precautions. Relevant laws, regulations, and ethical guidelines must be followed in conducting any research, modifications, or derivatives derived from this product.

This product is provided "AS IS", and except as expressly stated herein, Ascent Research disclaims all other warranties, express or implied. Under no circumstances shall Ascent Research, its affiliates, or representatives be liable for indirect, incidental, consequential, or punitive damages arising from the use of this material. While Ascent Research employs rigorous quality control measures, we shall not be held responsible for damages resulting from misidentification or misinterpretation of the provided materials.

Copyrights

© 2026 Ascent Research. All rights reserved.

This document was last updated on January 20, 2026.

