

Immortalized Rat Endothelial Progenitor Cell

Cat. No. ARI0194, 1×10^6 cells/vial

Description

The immortalized rat endothelial progenitor cell is the cell line of endothelial cells derived from the bone (bone marrow). It is cultured in adherent and exhibits a spindle-shaped, irregular morphology.

Specification

Cell Type: Endothelial cell

Tissue/Organ: Bone (bone marrow)

Derived from Site: N/A

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Symbols: IREPC

Age: N/A

Immortalization Method: Simian virus 40 (SV40)

Shipping & Storage

Shipping condition: Frozen on dry ice.

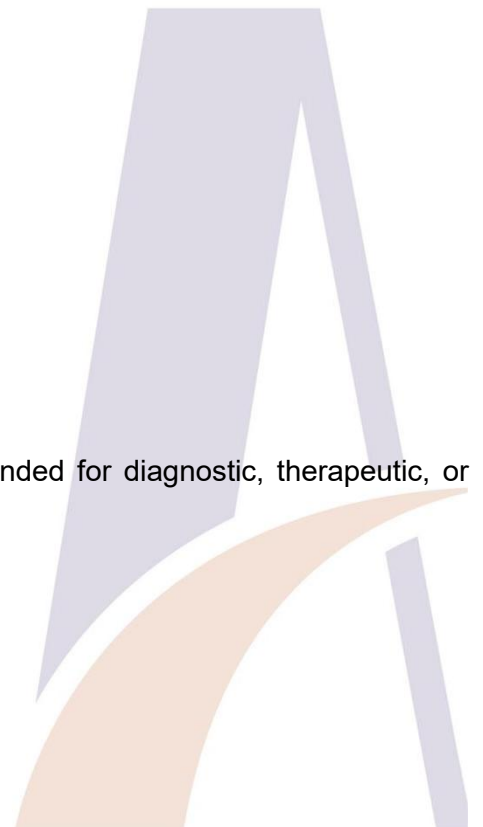
Storage condition: Liquid nitrogen (LN₂) cryopreservation.

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: Spindle-shaped, irregular



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

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This document was last updated on June 20, 2025.

