

# Immortalized Rat Nucleus Pulposus Cell

Cat. No. ARI0274, 1x10<sup>6</sup> cells/vial

## Description

Immortalized Rat Nucleus Pulposus Cell is an immortalized cell line of mixed cell populations. Each lot of cells was subjected to a rigorous quality control system to ensure high viability and mycoplasma-free state.

## Specification

Cell Type: Mixed Cell Population

Tissue/Organ: Intervertebral disc (IVD), nucleus pulposus

Derived from Site: N/A

Disease: N/A

Species: *Rattus norvegicus* (Rat)

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 (LN<sub>2</sub>) cryopreservation.

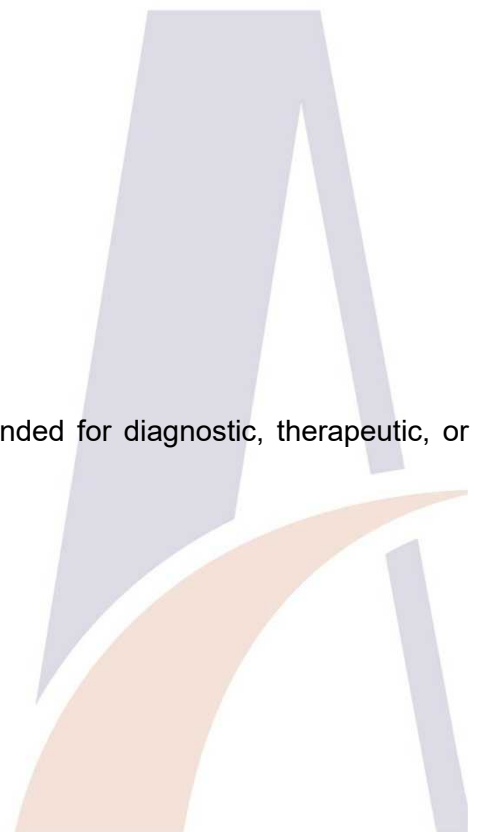
## Intended Use

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

## Culturing Guidance

Morphology: Fusiform and irregular cells

Growth Mode: Adherent



Temperature: 37°C

Atmosphere: 5% CO<sub>2</sub>

## 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.

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