

# Rabbit Dorsal Root Ganglion (DRG) Neurons

Cat. No. ARP0865,  $5 \times 10^5$  cells/vial

## Description

Research on the Rabbit Dorsal Root Ganglion (DRG) Neurons is essential to the study of peripheral neuropathy, chronic pain (e.g., sciatica), diabetic neuropathy, chemotherapy-induced neuropathy, and nerve injury models. The dorsal root ganglion is a cluster of sensory neuron cell bodies located on the dorsal root of a spinal nerve. It acts as a key relay center, transmitting sensory signals from the peripheral nervous system to the central nervous system. It plays a crucial role in the initiation and persistence of both acute and chronic pain. The Rabbit Dorsal Root Ganglion (DRG) Neurons are to be used with Rabbit Dorsal Root Ganglion (DRG) Neuron Medium (Cat. No. ACM0865). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Specification

Cell Type: Neurons

Tissue/Organ: Peripheral Nervous System (dorsal root ganglion (DRG))

Disease: Normal

Species: *Oryctolagus cuniculus* (Rabbit)

Genetic Background: N/A

Markers: Neuron-Specific Enolase (NSE)

Symbols: RaDRGN

## 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: Irregular

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

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