

Rat Spleen-Derived Endothelial Progenitor Cells

Cat. No. ARP0351, 5×10^5 cells/vial

Description

Research on the Rat Spleen-Derived Endothelial Progenitor Cells is essential to the study of portal hypertension, splenic fibrosis, hemolytic anemia models, and splenectomy-induced vascular remodeling. The spleen is an organ of the lymphatic and blood system, located in the upper left side of your abdomen. It is able to produce blood cells, store and filter blood, and protect the body from infection. The Rat Spleen-Derived Endothelial Progenitor Cells are to be used with Rat Spleen-Derived Endothelial Progenitor Cell Medium (Cat. No. ACM0351). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Endothelial Cells

Tissue/Organ: Spleen

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: CD31, CD34

Symbols: RSDEPC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: 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

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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