

Rat Femoral Head Microvascular Endothelial Cells

Cat. No. ARP0210, 5×10^5 cells/vial

Description

Research on the Rat Femoral Head Microvascular Endothelial Cells is essential to the study of osteonecrosis of the femoral head, osteoporosis, and post-traumatic avascular necrosis. The femur, also known as the thigh bone, is the longest tubular bone in the human body. Its upper end, the head of the femur, articulates with the acetabulum to form the hip joint, while its lower end connects with the patella and the upper tibia to form the knee joint. The Rat Femoral Head Microvascular Endothelial Cells are to be used with Rat Femoral Head Microvascular Endothelial Cell Medium (Cat. No. ACM0210). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Microvascular Endothelial Cells

Tissue/Organ: Bone (femur)

Disease: N/A

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: von Willebrand Factor (vWF)

Symbols: RFHMEC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Cobblestone-like, 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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