

Human Femoral Osteoblasts

Cat. No. ARP0155, 5×10^5 cells/vial

Description

Research on the Human Femoral Osteoblasts is essential to the study of osteoporosis, osteogenesis imperfecta, Paget's disease of bone, bone metastasis (e.g., breast/prostate cancer), and medication-related osteonecrosis of the jaw (MRONJ). 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 Human Femoral Osteoblasts are to be used with Human Femoral Osteoblast Medium (Cat. No. ACM0155). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: N/A

Tissue/Organ: Bone (femur)

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: N/A

Symbols: HFO

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: N/A

Growth Mode: N/A

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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