

Human Skeletal Muscle Myoblasts

Cat. No. ARP0162, 5×10^5 cells/vial

Description

Research on the Human Skeletal Muscle Myoblasts is essential to the study of Duchenne Muscular Dystrophy, congenital myopathies, inclusion body myositis, metabolic myopathies (e.g., McArdle disease), and exercise adaptation studies. Skeletal muscle is one of the three muscle tissues in the body, the other two are cardiac muscle and smooth muscle. It attaches to bones to enable movement. The Human Skeletal Muscle Myoblasts are to be used with Human Skeletal Muscle Myoblast Medium (Cat. No. ACM0162). 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: Muscle (skeletal muscle)

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Myosin, Actinin

Symbols: HSMM

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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