

# Human Epidermal Melanocytes

Cat. No. ARP0030,  $5 \times 10^5$  cells/vial

## Description

Research on the Human Epidermal Melanocytes is essential to the study of melanomas, inner ear homeostasis, vitiligo, and mitochondrial dysfunction in Duchenne Muscular Dystrophy. The skin is the largest organ of the body, covering the entire external surface. It has three layers: epidermis, dermis, and hypodermis. The skin functions in protection, temperature regulation, sensory perception, immunology, and the production of vitamin D. The Human Epidermal Melanocytes are to be used with Human Epidermal Melanocyte Medium (Cat. No. ACM0030). 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: Skin

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: S100  $\beta$  , NGFR (p75)

Symbols: HEM

## 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: N/A

Growth Mode: N/A

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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