

Human Seminal Vesicle Smooth Muscle Cells

Cat. No. ARP0079, 5×10^5 cells/vial

Description

Research on the Human Seminal Vesicle Smooth Muscle Cells is essential to the study of ejaculatory dysfunction, autonomic neuropathy-related atrophy, smooth muscle degeneration, seminal vesicle function and pathology. The seminal vesicles are a pair of tubular glands of the male reproductive system. They are located in the pelvis, superior to the rectum, inferior to the fundus of the bladder, and posterior to the prostate. The seminal vesicles function to produce many of the constituent ingredients of semen. The Human Seminal Vesicle Smooth Muscle Cells are to be used with Human Seminal Vesicle Smooth Muscle Cell Medium (Cat. No. ACM0079). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Muscle Cells

Tissue/Organ: Seminal vesicle

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: α -Smooth Muscle Actin (α -SMA)

Symbols: HSVSMC

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

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