

# Mouse Ovarian Stromal Cells

Cat. No. ARP0533,  $5 \times 10^5$  cells/vial

## Description

Research on the Mouse Ovarian Stromal Cells is essential to the study of various ovarian pathologies, including polycystic ovary syndrome (PCOS), ovarian hyperstimulation syndrome (OHSS), ovarian stromal cell tumors, and age-related ovarian dysfunction. The ovaries are paired female reproductive organs, located on either side of the uterus. It produces and releases oocytes, which are then captured by the fallopian tubes. The ovaries also produce key hormones, such as estrogen and progesterone, which are important for maintaining female health and supporting the development of female characteristics. The Mouse Ovarian Stromal Cells are to be used with Mouse Ovarian Stromal Cell Medium (Cat. No. ACM0533). 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: Ovary

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Cholesterol Side-Chain Cleavage Enzyme (P450SCC)

Symbols: MOSC

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) cryopreservation.

## Intended Use

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## Culturing Guidance

Morphology: Fusiform, Irregular

Growth Mode: Adherent

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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