

Mouse Thymic Stromal Cells

Cat. No. ARP0520, 5×10^5 cells/vial

Description

Research on the Mouse Thymic Stromal Cells is essential to the study of thymic involution (aging/glucocorticoid-induced), myasthenia gravis, T-cell maturation defects, thymoma microenvironment studies, and graft-versus-host disease (GVHD) research. The thymus is the primary lymphoid organ of the immune system. It is where the immune cells are produced and mature. The Mouse Thymic Stromal Cells are to be used with Mouse Thymic Stromal Cell Medium (Cat. No. ACM0520). 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: Thymus

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Vimentin

Symbols: MTSC

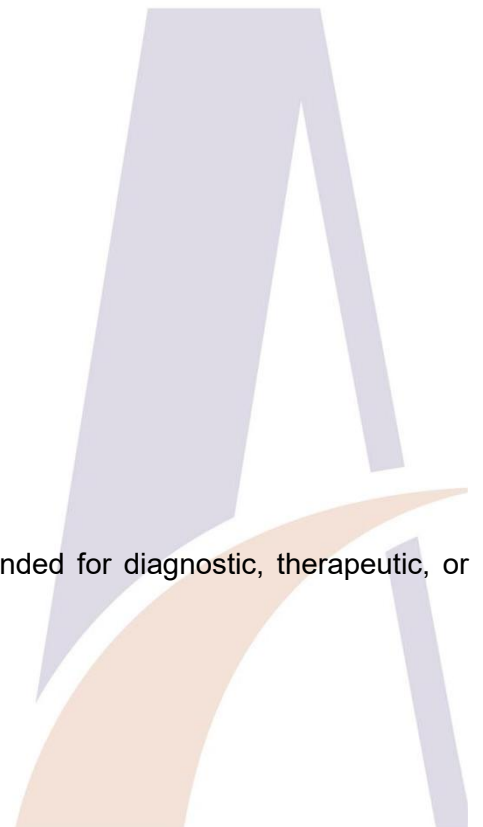
Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Elongated fusiform, Irregular

Growth Mode: Adherent

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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