

# Pig Thymic Stromal Cells

Cat. No. ARP0928,  $5 \times 10^5$  cells/vial

## Description

Research on the Pig 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 Pig Thymic Stromal Cells are to be used with Pig Thymic Stromal Cell Medium (Cat. No. ACM0928). 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: *Sus scrofa* (Pig)

Genetic Background: N/A

Markers: Vimentin

Symbols: PTSC

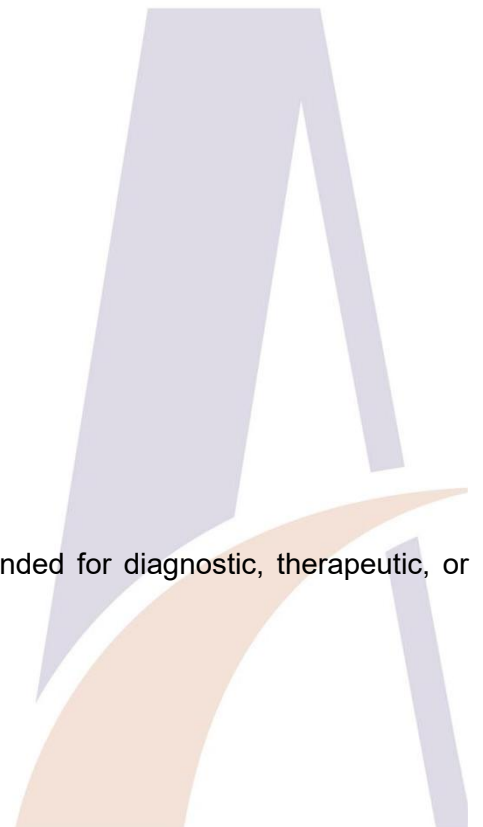
## Shipping & Storage

Shipping condition: Frozen on dry ice.

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

## Intended Use

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## Culturing Guidance

Morphology: Elongated 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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This document was last updated on June 20, 2025.