

COS-7

Cat. No. ARI0029, 1×10^6 cells/vial

Description

The COS-7 cell line is derived from the CV-1, a fibroblast-like cell line of the African green monkey kidney. These cells were transformed with an SV40 mutant that is replication-defective but encodes a functional wild-type large T antigen.

Specification

Cell Type: N/A

Tissue/Organ: Kidney

Derived from Site: N/A

Disease: N/A

Species: *Chlorocebus sabaeus* (Green monkey)

Genetic Background: N/A

Marker: N/A

Sex of Donor: N/A

Age: Adult

Immortalization Method: Simian virus 40 (SV40)

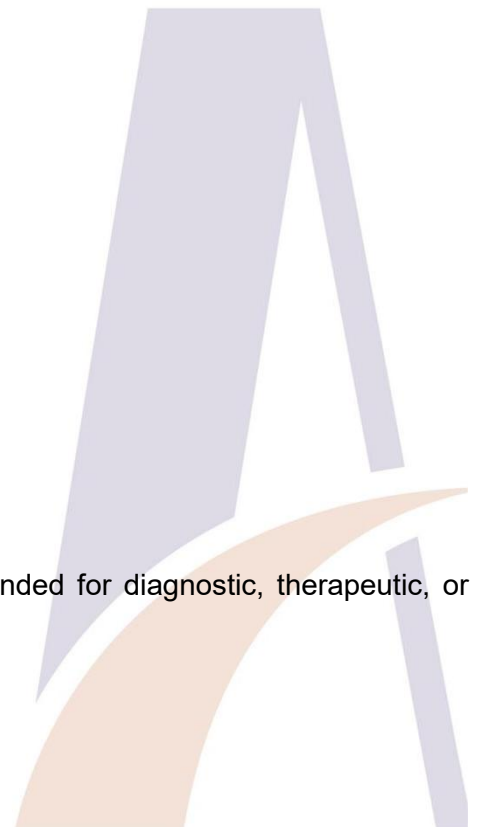
Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) 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: Fibroblast-like

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

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This document was last updated on June 20, 2025.