

# COS-1

Cat. No. ARI0028,  $1 \times 10^6$  cells/vial

## Description

The COS-1 cell line is derived from the CV-1 cells, an African green monkey kidney cell line. These cells are transformed with SV40 mutant, which is defective in replication but still express 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

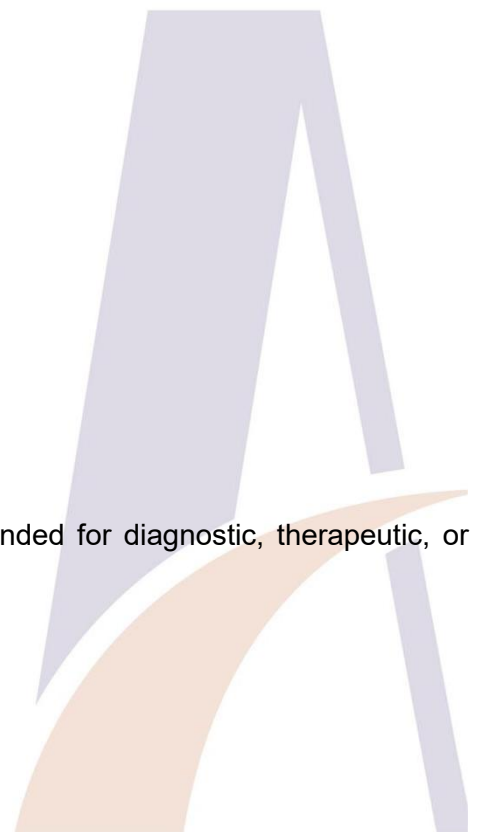
Shipping condition: Frozen on dry ice.

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