

Human Gingival Fibroblasts

Cat. No. ARP0125, 5×10^5 cells/vial

Description

Research on the Human Gingival Fibroblasts is essential to the study of drug-induced gingival hyperplasia, periodontitis-related tissue destruction, oral lichen planus fibrosis, gingival recession, and wound healing complications. The periodontium is the tissue surrounding the teeth and provides structural support. It consists of the periodontal ligament (PDL), cementum, gingiva, and alveolar bone. The Human Gingival Fibroblasts are to be used with Human Gingival Fibroblast Medium (Cat. No. ACM0125). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Fibroblasts

Tissue/Organ: Oral cavity (periodontium)

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Fibronectin

Symbols: HGF

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Fibroblast-like

Growth Mode: N/A

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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