

XXXXXXXXXX XXXXX XXXXXX - XXXXX (HDF-Ad) | 300606

## XXXXXX XXXXXX

|             |                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------|
| Description | <p>人乳低聚糖 (HDF-Ad), 一种由人乳分泌的低聚糖, 由乳糖和葡萄糖组成, 是母乳中最重要的成分之一。HDF-Ad 是一种由人乳分泌的低聚糖, 由乳糖和葡萄糖组成, 是母乳中最重要的成分之一。</p> |
| Organism    | 人乳                                                                                                        |
| Tissue      | 乳腺组织                                                                                                      |

## XXXXXXXXXX

|                          |        |
|--------------------------|--------|
| <b>Ethnicity</b>         | XXXXXX |
| <b>Growth properties</b> | XXX    |

**XIX**

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| <b>Citation</b>        | XXXXXXXXXX XXXXX XXXXXX, XXXXX (HDF-Ad) (XXXXX XXXXXXXX Cytion 300606) |
| <b>Biosafety level</b> | 1                                                                      |
| <b>NCBI_TaxID</b>      | 9606                                                                   |

## XXXXXXXXXX XIXX- XXXXXXXXXXXXXXXX

|                           |                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein expression</b> | CD73/CD90/CD105 CD14/CD34/CD45/HLA-DR                                                                                                              |
| <b>Tumorigenic</b>        |                                                                                                                                                    |
| <b>Viruses</b>            | HIV-1/2, HBV, HCV, HSV1/2, CMV, EBV, HHV6, Treponema pallidum, Toxoplasma gondii, Chlamydia trachomatis, Ureaplasma urealyticum, Ureoplasma parvum |

## XXXXXX

**Culture Medium**

**Human Endothelial Progenitor Cells (HDF-Ad) | 300606**

**Supplements**      Complete medium: 10% FBS, 2 ng/mL hr-bFGF, 2 mM L-glutamine

**Dissociation Reagent**      Trypsin-EDTA

**Subculturing**      Cells are grown in complete medium. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. Media is replaced with fresh complete medium every 2-3 days.

**Seeding density**       $1 \times 10^3$  cells/cm<sup>2</sup>

**Fluid renewal**      Media is renewed every 2-3 days.

**Freeze medium**      For cryopreservation, cells are seeded into a 96-well plate with 100 µL of freezing medium per well. Freezing medium consists of 90% FBS + 10% DMSO. Cells are frozen in a controlled rate freezer (Cryotop, Cytion 800100) and stored in liquid nitrogen.

**Thawing and Culturing Cells**

1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a pre-warmed tube containing 5 mL of complete medium.
2. Centrifuge cells at 300 x g for 5 minutes. Remove supernatant and resuspend cells in 1 mL of complete medium.
3. Seed cells into a 25 cm<sup>2</sup> flask containing 10 mL of complete medium.
4. Allow cells to attach for 24 hours. Media is replaced with fresh complete medium.
5. Once cells are fully attached, media is replaced with fresh complete medium.
6. Cells are grown in complete medium until they reach 80-90% confluency.
7. Media is replaced with fresh complete medium every 2-3 days.
8. Cells are passaged when they reach 80-90% confluency.

**Incubation Atmosphere**      37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating**      Cells are grown on uncoated flasks.

## XXXXXXXXXXXX XXXXX XXXXXXX - XXXXX (HDF-Ad) | 300606

## Freezing Procedure

-78°C

## Shipping Conditions

-78°C

## Storage Conditions

XXXXXXXX XXXX, XX XXXXX XX XXXXXXXXXX XXXX XXXX XXXX XXX XXXXXXXXXX XX -150 XX 196 XXXXX XXXXXX, XXXXX XXXXX

## XXXXXXXXXX / XXXXXXXXXX / HLA

## Sterility

XXXXXXXXXXXXXXXX XXXX XXXXXXXX XXXXXXXX XXXXXXXX PCR XXXXXXXX XXXXXX XXXXXXXXXXXXX XXXXXXXX XXXXXXXXXXXXXXX

□□ □□□□ □□□ □□□□ □□□□□, □□□□□□ □□ □□□, □□□□□□ □□□□ □□□□□ □□□□□□□ □□□□□