

AC16 | 305215

Description

AC16 is a cell line derived from a human embryo fibroblast (HEF) cell line, SV40 T-antigen immortalized. It is a continuous cell line that grows in the presence of SV40 T-antigen. AC16 cells are used for the production of recombinant proteins and for the study of cellular processes. AC16 cells are a derivative of the HEF cell line, which was immortalized by the SV40 T-antigen. AC16 cells are a continuous cell line that grows in the presence of SV40 T-antigen. AC16 cells are used for the production of recombinant proteins and for the study of cellular processes.

Organism

Human

Tissue

Embryo fibroblast

Applications

Production of recombinant proteins, study of cellular processes, cell culture, and protein expression.

Synonyms

AC16, HEF, SV40 T-antigen immortalized HEF

Ethnicity

Human

Morphology

Epithelial

Cell type

Embryo fibroblast

Growth properties

Adherent

Citation

AC16 (HEF, SV40 T-antigen immortalized HEF) 305215

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_4U18

GMO Status

GMO-S1: AC16 (HEF, SV40 T-antigen immortalized HEF) 305215

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Viruses [REDACTED] SV40

Culture Medium
DMEM:DMEM:Ham's F12 (1:1) [REDACTED] 2.5 [REDACTED] (HEPES) [REDACTED] L-Glutamine [REDACTED] L-Glutamine
DMEM: DMEM:Ham's F12 (1:1) [REDACTED] 2.5 [REDACTED] (HEPES) [REDACTED] 41400045) 2% [REDACTED] (16050130).

Dissociation Reagent [REDACTED]

Subculturing [REDACTED] PBS [REDACTED]

Freeze medium [REDACTED] (FBS) + 10% DMSO [REDACTED]

- Thawing and Culturing Cells**
- [REDACTED]
 - [REDACTED] -150 [REDACTED]
 - [REDACTED] 37 [REDACTED]
 - [REDACTED] 70% [REDACTED]
 - [REDACTED] 15 [REDACTED] 8 [REDACTED]
 - [REDACTED] 300 × [REDACTED] 3 [REDACTED]
 - [REDACTED] 10 [REDACTED]
 - [REDACTED]

Incubation Atmosphere 37 [REDACTED]

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Flask Coating [redacted]

Freezing Procedure [redacted]-78

Shipping Conditions [redacted]-78

Storage Conditions [redacted]-150 -196 [redacted]

/ / HLA

Sterility [redacted] (PCR) [redacted]
[redacted]