

ACHN | 300117

General information

Description	ACHN is a cell line derived from a 22-year-old male patient with a malignant melanoma. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. ACHN cells are highly tumorigenic and can be used for various studies, including drug screening and basic research on melanoma biology. ACHN cells are highly tumorigenic and can be used for various studies, including drug screening and basic research on melanoma biology.
Organism	Human
Tissue	Melanoma
Disease	Melanoma

Cell characteristics

Age	22 years
Gender	Male
Ethnicity	White
Morphology	Epithelial cells
Growth properties	High growth rate, anchorage dependent

Cell identification and safety

Citation	ACHN (Cytion 300117)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1067

Cell storage and handling

Receptors expressed CA1x- (XXXXXXXX XX-XXXXXX IX)

Protein expression P53 

Isoenzymes CAIx-

Tumorigenic

XXXXXXXXXX

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (XXXXX Cytion 820100a)

Supplements □□□□ □□□□□□ 10% FBS □-1% NEAA

Dissociation Reagent 

Doubling time 30

Subculturing

Seeding density 1×10^4

Fluid renewal 2 3 4 5 6 7 8 9 10

Post-Thaw Recovery

Freeze medium DMEM, 10% FBS + 10% DMSO

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Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
3. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
4. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
5. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
6. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
7. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
8. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Shipping
Conditions

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Storage
Conditions

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

细胞培养与转染

Sterility

细胞培养与转染过程中，应严格遵守无菌操作规范，避免污染。PCR扩增过程中，应严格遵守无菌操作规范，避免污染。

Product sheet

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HLA

A*: '26:01:01

B*: '49:01:01

C*: 07:01:01

DRB1*: 16:01:01

DQA1*: 01:02:02

DQB1*: '05:002:01

DPB1*: 02:01:02

E: 01:03:05