

SNU-216 | 305630

General information

Description	SNU-216 is a human cell line derived from a patient with a TP53 mutation. It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. SNU-216 is a member of the CCLC (Colon Cancer Cell Line) family and is characterized by its high proliferation rate and resistance to apoptosis. SNU-216 is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. SNU-216 is a member of the CCLC (Colon Cancer Cell Line) family and is characterized by its high proliferation rate and resistance to apoptosis.
Organism	Human
Tissue	Colon
Disease	Colon cancer
Applications	Cell culture, drug screening, xenograft models
Synonyms	SNU216, NCI-SNU-216

Characteristics

Age	46 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Cell type	Colon cancer cells
Growth properties	High proliferation rate, resistance to apoptosis

References and safety

Citation	SNU-216 (CCLC) Cytion 305630
Biosafety level	1
NCBI_TaxID	9606

Product sheet

XXXX SNU-216 | 305630

CellosaurusAccession CVCL_3946

XXXXXXXX XXXX-XXXXXXXXXXXX

Mutational profile

XXXXXXXX TP53, XXXXX, p.Val216Met (c.646G>A), XXXXXXXXXXXX

XXXXXXXX

Culture Medium

RPMI 1640, w: 2.0 mM XXXXXXX XXXX, w: 2.0 g/L NaHCO3 (XXXX XXXXXX XXX Cytion 820700a)

Supplements XXXX XXXXX 10% FBS XXXXXX XXXX

Dissociation Reagent

XXXXXXXX

Doubling time 36 XXXX

Subculturing

XXXX XX XXXXXXX, XXXX XXXXX XXXXXXX 0.25% X-EDTA 0.02% XXXXX, XXXX XX XXXXXXX XXXXXXX XXXXXXXXXX XXX 37 XXXXX XXXXXXX XXXX

Split ratio XXXXX XXXXXXX XXXX XX 1:4

Fluid renewal

2 XX 3 XXXXX XXXXX

Freeze medium

XXXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXX XXX (XXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXX XXXX XXXXX, XXX C

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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，然后将培养瓶置于37°C孵育箱中培养。
2. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-150°C液氮中冷冻保存。
3. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C孵育箱中培养。
4. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于70%相对湿度下培养。
5. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于15" x 8" x 8"的培养瓶中培养。
6. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于300 x g离心3分钟，然后将培养瓶置于-150°C液氮中冷冻保存。
7. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于10" x 10" x 10"的培养瓶中培养。
8. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-150°C液氮中冷冻保存。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Shipping
Conditions**

细胞悬液应储存在-150°C液氮中，并在-78°C以下运输。

**Storage
Conditions**

细胞悬液应储存在-150°C液氮中，并在-150°C至-196°C范围内长期保存。

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Sterility

细胞悬液应储存在-150°C液氮中，并在-78°C以下运输。PCR扩增应在-150°C液氮中进行。

细胞悬液应储存在-150°C液氮中，并在-78°C以下运输。PCR扩增应在-150°C液氮中进行。