

WSU-HN6 | 305888

General information

Description	WSU-HN6 is a human nasopharyngeal carcinoma (SCC) cell line derived from a patient with nasopharyngeal carcinoma. It is characterized by the presence of the INK4A gene deletion and the p21 gene expression. WSU-HN6 cells are highly tumorigenic and can form xenografts in immunodeficient mice.
Organism	Human
Tissue	Nasopharyngeal carcinoma
Disease	Nasopharyngeal carcinoma
Synonyms	HN6, Human nasopharyngeal carcinoma cell line - HN6

Characteristics

Age	Not applicable
Gender	Not applicable
Growth properties	Adherent

Identification and documentation

Citation	WSU-HN6 (Cytion 305888)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5516

Mutational profile and genotyping

Mutational profile	TP53, p.His179Leu (c.536A>T), p.His179Leu (c.536A>T)
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Culture Medium	DMEM, w: 4.5 g/L D-glucose , w: 4 mM L- glutamine , w: 3.7 g/L NaHCO_3 , w: 1.0 mM NaCl (Cytion 820300a)
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Supplements	10% FBS
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Freeze medium	10% FBS + 10% DMSO
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Thawing and Culturing Cells

1. Thaw cells rapidly in a water bath at 37°C. Transfer cells to a sterile tube and centrifuge at 300 x g for 5 min. Remove supernatant and resuspend cells in 1 mL of DMEM + 10% FBS. Seed cells into a T25 flask.
2. Incubate cells in a humidified incubator at 37°C with 5% CO_2 . Monitor cell growth and confluency.
3. Once cells are confluent, passage them into a new T25 flask.
4. Repeat the process until cells are at 70% confluency.
5. Seed cells into a 15 mL tube and centrifuge at 300 x g for 5 min. Remove supernatant and resuspend cells in 1 mL of DMEM + 10% FBS.
6. Seed cells into a T25 flask and incubate at 37°C with 5% CO_2 .
7. Once cells are confluent, passage them into a new T25 flask.
8. Repeat the process until cells are at 70% confluency.

Incubation Atmosphere	37°C, 5% CO_2
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Flask Coating	None
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Freezing Procedure	1. Seed cells into a T25 flask and incubate at 37°C with 5% CO_2 . 2. Once cells are confluent, passage them into a new T25 flask. 3. Repeat the process until cells are at 70% confluency. 4. Seed cells into a 15 mL tube and centrifuge at 300 x g for 5 min. Remove supernatant and resuspend cells in 1 mL of DMEM + 10% FBS. 5. Seed cells into a T25 flask and incubate at 37°C with 5% CO_2 .
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Shipping Conditions	Cells should be shipped at -78°C.
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Product sheet

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Storage
Conditions

Das Produkt ist steril und kann bei +2 bis +8 °C gelagert werden. Die Haltbarkeit beträgt 12 Monate ab dem Herstellungsdatum. Das Produkt ist für die Verwendung in PCR geeignet.

Das Produkt ist steril und kann bei +2 bis +8 °C gelagert werden.

Sterility

Das Produkt ist steril und kann bei +2 bis +8 °C gelagert werden. Die Haltbarkeit beträgt 12 Monate ab dem Herstellungsdatum. Das Produkt ist für die Verwendung in PCR geeignet.

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