

Product sheet

NCH690 | 300120

General information

Description	NCH640 is a cell line derived from a patient with a melanoma. It is a highly tumorigenic cell line that grows in suspension. It is characterized by its ability to form large, dense colonies. NCH640 is a melanoma cell line that is highly tumorigenic and grows in suspension. It is characterized by its ability to form large, dense colonies. NCH640 is a melanoma cell line that is highly tumorigenic and grows in suspension. It is characterized by its ability to form large, dense colonies.
Organism	Human
Tissue	Melanoma
Disease	Melanoma

Characteristics

Age	78 years
Gender	Male
Ethnicity	White
Growth properties	Highly tumorigenic, grows in suspension

Identification

Citation	NCH690 (ATCC CCL-222) Cytion 300120
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_x915

Genetic information

Tumorigenic	Yes
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Notes

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L β -mercaptoethanol, w: 2.5 mM L-ascorbic acid, w: 15 mM HEPES, w: 0.5 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 1.2 g/L NaHCO_3 (820400a)

Supplements $10\% \text{ FBS}$, $5 \text{ ng/ml TGF-}\alpha$, 20 ng/ml bFGF , 20 ng/ml EGF , 5 ng/ml IGF-1 , $100 \text{ ng/ml Hydrocortison}$, $5.2 \text{ ng/ml Hydrocortison}$

Subculturing 1×10^5 cells per well in 100 μl Eppendorf tubes

Seeding density 1×10^5 cells/ml

Fluid renewal 2-3 times per week

Post-Thaw Recovery 24 h at 37°C in $5\% \text{ CO}_2$

Freeze medium $50\% \text{ FBS} + 40\% \text{ DMSO} + 10\% \text{ CM-1}$ (Cytion 800100)

Thawing and Culturing Cells

1. Thaw cells rapidly in a water bath at 37°C .
2. Dilute cells into pre-warmed medium at 37°C .
3. Seed cells into pre-warmed medium at 37°C .
4. Allow cells to recover for 24 h at 37°C in $5\% \text{ CO}_2$.
5. Seed cells into pre-warmed medium at 37°C .
6. Seed cells into pre-warmed medium at 37°C .
7. Seed cells into pre-warmed medium at 37°C .
8. Seed cells into pre-warmed medium at 37°C .

Incubation Atmosphere 37°C , $5\% \text{ CO}_2$

Flask Coating 1×10^5 cells

