

Product sheet

NCI-H82 | 300442

General Information

<b>Description</b>	NCI-H82 is a human non-small cell lung carcinoma cell line established in 1978. It is characterized by the presence of a myc oncogene and anaplastic neuroaminase (ANP).
<b>Organism</b>	Human
<b>Tissue</b>	Lung
<b>Disease</b>	Non-small cell lung carcinoma
<b>Metastatic site</b>	Various sites
<b>Synonyms</b>	NCI-H-82, H82, H-82, H-82, NCI H82, NCIH82, H82sclc

Cell Characteristics

<b>Age</b>	41 days
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent, exponential growth

Identification and Safety

<b>Citation</b>	NCI-H82 (ATCC CCL-222)   300442
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellSaurusAccession</b>	CVCL_1591

Additional Information



NCI-H82 | 300442

**Thawing and Culturing Cells**

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed (37°C) complete medium.
2. Centrifuge the cells at 300 × g for 3 minutes. Resuspend the cells in 10 ml of complete medium.
3. Seed the cells into a T75 flask containing 37 ml of complete medium.
4. Incubate the cells in a humidified 5% CO<sub>2</sub> atmosphere at 37°C until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 15 × 10<sup>6</sup> cells into 8 T75 flasks.
6. Harvest the cells by trypsinization. Seed 300 × 10<sup>6</sup> cells into 3 T75 flasks.
7. Harvest the cells by trypsinization. Seed 10 × 10<sup>6</sup> cells into 10 T75 flasks.
8. Harvest the cells by trypsinization. Seed 10 × 10<sup>6</sup> cells into 10 T75 flasks.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating** Not required

**Freezing Procedure** Harvest cells by trypsinization. Resuspend cells in 1 ml of freezing medium. Aliquot into 1 ml vials. Store at -196°C.

**Shipping Conditions** Store at -196°C.

**Storage Conditions** Store at -150°C to -196°C.

NCI-H82 / HLA

**Sterility** The cells are free of mycoplasmas and other contaminants. PCR testing is available.

XXXXXXXX NCI-H82 | 300442

---

XXXXXXXX XXXXXXXXXXXX STRCSF1PO: 11  
D13S317: 8  
D16S539: 12  
D5S818: 12  
D7S820: 10X13  
TH01: 9,9.3  
TPOX: 11  
vWA: 14  
D3S1358: 17  
D21S11: 28,3  
D18S51: 14X18  
Penta E: 11X12  
Penta D: 10X12  
D8S1179: 13  
FGA: 24X25