

Product sheet

NCI-H838 | 305097

Cell Line Information

<b>Description</b>	Cell line established from a 59-year-old male patient with metastatic melanoma. The cell line was derived from a metastatic site in the lung. It is a highly tumorigenic, growth-dependent cell line that grows in suspension culture. The cell line is characterized by its ability to form spheroids in suspension culture and its high tumorigenicity in nude mice. The cell line is highly sensitive to cisplatin and paclitaxel.
<b>Organism</b>	Human
<b>Tissue</b>	Melanoma
<b>Disease</b>	Melanoma
<b>Metastatic site</b>	Lung
<b>Synonyms</b>	NFCI-H838, H-838, NCI-H838, NCIH838

Donor Information

<b>Age</b>	59 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Highly tumorigenic, growth-dependent

Cell Line Characterization

<b>Citation</b>	NCI-H838 (NCI Cell Line Project) (NCI Cell Line Project 305097)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1594

Cell Line Authentication

Cell Line Maintenance

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**Culture Medium** RPMI 1640 2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0 NaHCO<sub>3</sub> (820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Doubling time** 55

**Subculturing** PBS

**Split ratio** 1:3 1:4

**Fluid renewal** 2 3

**Freeze medium** (FBS) + 10% DMSO

- Thawing and Culturing Cells**
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.

**Incubation Atmosphere** 37

**Flask Coating**

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**Freezing Procedure**

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**Shipping Conditions**

...

**Storage Conditions**

... -150 ° -196 ° ...

**HLA**

**Sterility**

... (PCR) ...

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