

Product sheet

NCI-H1755 | 305834

General Information

<b>Description</b>	NCI-H1755 is a cell line derived from a patient with non-small cell lung cancer (NSCLC). It is a continuous cell line that grows in the presence of insulin, transferrin, and selenium (ITS) medium. The cell line is characterized by its ability to form colonies in soft agar and its sensitivity to cisplatin and paclitaxel. NCI-H1755 is a cell line derived from a patient with non-small cell lung cancer (NSCLC). It is a continuous cell line that grows in the presence of insulin, transferrin, and selenium (ITS) medium. The cell line is characterized by its ability to form colonies in soft agar and its sensitivity to cisplatin and paclitaxel. NCI-H1755 is a cell line derived from a patient with non-small cell lung cancer (NSCLC). It is a continuous cell line that grows in the presence of insulin, transferrin, and selenium (ITS) medium. The cell line is characterized by its ability to form colonies in soft agar and its sensitivity to cisplatin and paclitaxel.
<b>Organism</b>	Human
<b>Tissue</b>	Lung
<b>Disease</b>	Non-small cell lung cancer
<b>Synonyms</b>	H1755, H-1755, NCIH1755

Cell Culture

<b>Age</b>	65 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Cell type</b>	Epithelial cells
<b>Growth properties</b>	Adherent, growing in the presence of insulin, transferrin, and selenium (ITS) medium.

Identification

<b>Citation</b>	NCI-H1755 (Cytion 305834)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1492

Additional Information

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**Mutational profile** BRAF, p.Gly469Ala (c.1406G>C), TP53, p.Cys242Phe (c.725G>T),

**Culture Medium** RPMI 1640, w: 2.0 mM, w: 2.0 g/L NaHCO3 (Cytion 820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Fluid renewal** 2-3

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

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Resuspend cells in 15 ml of fresh culture medium.
4. Seed cells into a T25 flask at 70% confluency.
5. Incubate cells at 37°C in 5% CO2.
6. Harvest cells when they reach 70-80% confluency.
7. Wash cells with PBS.
8. Harvest cells using trypsin.

**Incubation Atmosphere** 37°C, 5% CO2

**Flask Coating**

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**Freezing Procedure** -78°C

**Shipping Conditions** -78°C

**Storage Conditions** -150 to -196

HLA

**Sterility**