

Product sheet

NCI-H1650 | 305059

General Information

**Description** NCI-H1650 is a cell line derived from a patient with non-small cell lung carcinoma (NSCLC). It is characterized by the presence of a PTEN mutation and a PI3K/AKT pathway activation.

**Organism** Human

**Tissue** Lung

**Disease** Non-small cell lung carcinoma

**Metastatic site** Lung

**Synonyms** NCI-H1650, H-1650, H1650\_CO, H1650\_CO, NCIH1650

Cell Characteristics

**Age** 27 days

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent

Identification

**Citation** NCI-H1650 (ATCC CCL-1483 | 305059)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellSaurusAccession** CVCL\_1483

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**Culture Medium** RPMI 1640 2.0 XXXXX XXXXXX XXXXXXXXXXXX XXXXXXXXXXXX 2.0 X/X NaHCO3 (XXXX XXXXXXXXXXXX 820700a XX XXXXXXXXXXXX)

**Supplements** XX XXXXXXX XXXXXXX 10X XX XX FBS

**Dissociation Reagent** XXXXXXX

**Subculturing** XX XXXXXXX XXXXXXX XXXXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX PBS XXXXX XXXXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX

**Fluid renewal** 2 XXX 3 XXXX XX XXXXXXXXXXX

**Freeze medium** XXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXX XX XX XXXXXXX (XXXX XX XXX FBS) + 10% DMSO XX XXX XXXXXXX XX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXX XXXXXXX

- Thawing and Culturing Cells**
1. XXXXX XX XXXXX XXXXXXXXXXX XXXXXXX XXXXX XX XXXXXXXXXXX XXXXX XX XX XXXXXXXXXXX XXX XX XX XXXXXXXXXXX XXX XXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX
  2. XXX XXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXX XXXXXXX XX XXXXXXX XXXXX XXXX -150 XXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXXXXXX
  3. XXXXXXXXXXX XXXXXXXXXXX XX XXXXXXX XXXXXXXXXXX XXXXXXX XX XXXXXXX XXXXX XX XXXXXXX XXXXX XXXXXXX XXXXXXX 37 XXXXX XXXXXXX XXXXX XXXXX XXXXXXXXXXX
  4. XXXXXXX XXXXX XXXXXXXXXXX XXXXXXXXXXX XX XXXXX XXXXXXX XX XXXXX XXXXXXX XX XXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX 70% XX XXXXXXXXXXX XXXXXXXXXXX
  5. XXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX XXXXX XXXXXXXXXXX XXX XXXXXXX XXX XXXXXXX XXX 15 XX XXXXXXX XXX 8 XX XX XXX XXXXXXXXXXX XX XXXXXXXXXXX
  6. XXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXX 300 x XX XXXXX 3 XXXXXXX XXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX XXXXXXX
  7. XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXX XXXXX 10 XX XX XXX XXXXXXX XXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX
  8. XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXXXXXX

**Incubation Atmosphere** 37 XXXXX XXXXXXXXXXX XXX XX XXXXXXX XXXXX

**Flask Coating** XX XXXX

