

# Resource Summary Report

Generated by [dkNET](#) on Sep 22, 2026

## NCI-H2107

RRID:CVCL\_1527

Type: Cell Line

### Proper Citation

RRID:CVCL\_1527

### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_1527](https://web.expasy.org/cellosaurus/CVCL_1527)

**Proper Citation:** RRID:CVCL\_1527

**Description:** Cell line NCI-H2107 is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Male

**Disease:** Lung small cell carcinoma

**Defining Citation:** [PMID:8806092](#), [PMID:8806103](#), [PMID:9559342](#), [PMID:10987304](#), [PMID:11030152](#), [PMID:11314036](#), [PMID:19472407](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20557307](#), [PMID:20624269](#), [PMID:22961666](#), [PMID:23716474](#), [PMID:27247353](#), [PMID:28766886](#), [PMID:31803961](#), [PMID:32586373](#), [PMID:39154123](#)

**Comments:** Population: African American.

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** NCI-H2107

**Synonyms:** H2107, H-2107, NCIH2107

**Cross References:** CLO:CLO\_0008051, EFO:EFO\_0002278, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ATCC:CRL-5983, ATCC:CRL-5983\_FL, BioSample:SAMN03472632, cancercellines:CVCL\_1527, ChEMBL-Cells:ChEMBL3308879, ChEMBL-Targets:ChEMBL2366122, Cosmic:877231, Cosmic:877386, Cosmic:924246, Cosmic:980956, Cosmic:1021881, Cosmic:1032427, Cosmic:1219107, Cosmic:1239946, Cosmic:1518091, Cosmic:1891916, Cosmic:2125208, GDSC:924246, GEO:GSM171858, GEO:GSM171859, GEO:GSM794352, GEO:GSM844637, GEO:GSM845544, GEO:GSM1887915, GEO:GSM1887999,

IARC\_TP53:27568, IARC\_TP53:28455, IGRhCellID:NCIH2107,  
PharmacoDB:NCIH2107\_1067\_2019, PRIDE:PXD011896, Progenetix:CVCL\_1527,  
PubChem\_Cell\_line:CVCL\_1527, Wikidata:Q54907923

**ID:** CVCL\_1527

**Record Creation Time:** 20220427T220838+0000

**Record Last Update:** 20260920T004614+0000

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## Ratings and Alerts

No rating or validation information has been found for NCI-H2107.

**Warning:** Discontinued: ATCC; CRL-5983  
Population: African American.

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## Data and Source Information

**Source:** [CelloSaurus](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#).

Chatterjee D, et al. (2025) KSR1 Mediates Small Cell Lung Carcinoma Tumor Initiation and Cisplatin Resistance. Molecular cancer research : MCR, 23(6), 553.

Martin-Vega A, et al. (2024) ASCL1 Restrains ERK1/2 to Promote Survival of a Subset of Neuroendocrine Lung Cancers. Molecular cancer therapeutics, 23(12), 1789.

Yoon SJ, et al. (2023) Comprehensive Metabolic Tracing Reveals the Origin and Catabolism of Cysteine in Mammalian Tissues and Tumors. Cancer research, 83(9), 1426.

Martin-Vega A, et al. (2023) ASCL1-ERK1/2 Axis: ASCL1 restrains ERK1/2 via the dual specificity phosphatase DUSP6 to promote survival of a subset of neuroendocrine lung cancers. bioRxiv : the preprint server for biology.

Inoue Y, et al. (2021) Extracellular signal-regulated kinase mediates chromatin rewiring and lineage transformation in lung cancer. eLife, 10.