Resource Summary Report

Generated by NIF on Sep 10, 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

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, cancercelllines: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: 20260905T181243+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

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.