

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

NCI-H187

RRID:CVCL_1501

Type: Cell Line

Proper Citation

RRID:CVCL_1501

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1501

Proper Citation: RRID:CVCL_1501

Description: Cell line NCI-H187 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung small cell carcinoma

Defining Citation: [PMID:1563005](#), [PMID:2985257](#), [PMID:2986243](#), [PMID:3335022](#), [PMID:6148444](#), [PMID:6270685](#), [PMID:6272398](#), [PMID:6713399](#), [PMID:8626706](#), [PMID:8806092](#), [PMID:8806103](#), [PMID:10037197](#), [PMID:11030152](#), [PMID:17426248](#), [PMID:20215515](#), [PMID:20557307](#), [PMID:20615970](#), [PMID:20624269](#), [PMID:22961666](#), [PMID:23716474](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:26589293](#), [PMID:27247353](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:28766886](#), [PMID:30894373](#), [PMID:31803961](#), [PMID:32586373](#)

Comments: Population: Caucasian., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: NCI-H187

Synonyms: H187, H-187, NCIH187

Cross References: BTO:BTO_0003021, CLO:CLO_0008025, EFO:EFO_0002269, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, ATCC:CRL-5804, BioSample:SAMN03471879, cancercellines:CVCL_1501,

Cell_Model_Passport:SIDM00767, ChEMBL-Cells:CHEMBL3308878, ChEMBL-Targets:CHEMBL2366276, Cosmic:688007, Cosmic:844549, Cosmic:850441, Cosmic:877201, Cosmic:877353, Cosmic:1006524, Cosmic:1021854, Cosmic:1152463, Cosmic:1219099, Cosmic:1998283, Cosmic:2125193, Cosmic-CLP:688007, DepMap:ACH-001136, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:688007, GEO:GSM169435, GEO:GSM170745, GEO:GSM170746, GEO:GSM170748, GEO:GSM171850, GEO:GSM171851, GEO:GSM380510, GEO:GSM380514, GEO:GSM482516, GEO:GSM536329, GEO:GSM784232, GEO:GSM794275, GEO:GSM844632, GEO:GSM845554, GEO:GSM986173, GEO:GSM1670197, GEO:GSM1887888, GEO:GSM1887967, IARC_TP53:17902, IGRhCellID:NCIH187, KCLB:90187, LINCS_LDP:LCL-1843, PharmacDB:NCIH187_1044_2019, Progenetix:CVCL_1501, PubChem_Cell_line:CVCL_1501, Wikidata:Q54907874

ID: CVCL_1501

Record Creation Time: 20220427T220838+0000

Record Last Update: 20260829T234731+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H187.

No alerts have been found for NCI-H187.

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 [dkNET](#) .

Balke-Want H, et al. (2026) c-JUN enhances CRISPR knockin anti-B7-H3 CAR T cell function in small cell lung cancer and thoracic SMARCA4-deficient undifferentiated tumors. Cell reports. Medicine, 7(1), 102549.

Champagne J, et al. (2025) Adoptive T??cell therapy targeting an inducible and broadly shared product of aberrant mRNA translation. Immunity, 58(1), 247.

Thomas A, et al. (2021) Therapeutic targeting of ATR yields durable regressions in small cell lung cancers with high replication stress. Cancer cell, 39(4), 566.

Chau Y, et al. (2019) Exploration of icariin analog structure space reveals key features driving potent inhibition of human phosphodiesterase-5. PloS one, 14(9), e0222803.

Jin L, et al. (2018) MAST1 Drives Cisplatin Resistance in Human Cancers by Rewiring cRaf-Independent MEK Activation. Cancer cell, 34(2), 315.