

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

HFL1

RRID:CVCL_0298

Type: Cell Line

Proper Citation

ATCC Cat# CCL-153, RRID:CVCL_0298

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0298

Proper Citation: ATCC Cat# CCL-153, RRID:CVCL_0298

Description: Cell line HFL1 is a Finite cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:7065527](#), [PMID:7372635](#), [PMID:22481983](#)

Comments: Senescence: Capable of at least 57 PDL (JCRB=IFO50074)., Population: Caucasian.

Category: Finite cell line

Organism: Homo sapiens (Human)

Name: HFL1

Synonyms: HFL-1, HFL 1, Human fetal lung fibroblast 1

Cross References: BTO:BTO_0002582, CLO:CLO_0003734, EFO:EFO_0005368, MCCL:MCC:0000189, CLDB:cl1670, ATCC:CCL-153, BCRC:60299, BioSample:SAMN01821558, BioSample:SAMN01821728, BioSample:SAMN03471457, CCRID:3101HUMGNHu28, CCRID:3101HUMSCSP5049, ChEMBL-Cells:ChEMBL3307970, ChEMBL-Targets:ChEMBL612547, CLS:305065, ECACC:89071902, GEO:GSM2141963, GEO:GSM2141966, GEO:GSM2141970, GEO:GSM2141971, GEO:GSM2141977, GEO:GSM2141978, GEO:GSM2141981, GEO:GSM2141982, GEO:GSM2141983, GEO:GSM2141989, GEO:GSM2141991, GEO:GSM2141994, GEO:GSM2142007, GEO:GSM2142013, GEO:GSM2142014, GEO:GSM2142022, GEO:GSM2142032, GEO:GSM2142040, GEO:GSM2142041, GEO:GSM2142051, JCRB:IFO50074, PubChem_Cell_line:CVCL_0298,

Wikidata:Q54883285

ID: CVCL_0298

Vendor: ATCC

Catalog Number: CCL-153

Record Creation Time: 20220427T220341+0000

Record Last Update: 20260829T233710+0000

Ratings and Alerts

No rating or validation information has been found for HFL1.

No alerts have been found for HFL1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Yinda CK, et al. (2026) Spatio-temporal dynamics of Hendra virus in Australia reveal stable maintenance of diverse viral clades among Pteropus bats. Nature microbiology, 11(4), 851.

Li X, et al. (2026) Atg5 deficiency alters myofibroblast accumulation and alveolar regeneration in lung fibrosis. Stem cell reports, 21(7), 102979.

Jin JY, et al. (2026) Deficient chaperone-mediated autophagy drives multiorgan fibrogenesis via SMAD2/4 stabilization to sustain TGF β -SMAD signaling. Acta pharmacologica Sinica.

Martin A, et al. (2026) Generalizable, high-throughput image analysis of subcellular structures using dispersion indices. iScience, 29(4), 115371.

Li N, et al. (2026) Sprayable asymmetric hydrogel prevents postoperative pleural adhesions via physical and biological dual therapy. Materials today. Bio, 38, 103297.

Cao Z, et al. (2026) Study on the mechanism of PSENEN in modulating cisplatin resistance in NSCLC through stromal cell interactions. International immunopharmacology, 169, 116037.

Li H, et al. (2026) Tumor Extracellular Vesicles IncOSLMT Drives Lung Inflammatory Premetastatic Niche Formation in Osteosarcoma via m6A-Dependent hnRNPA2B1/COX-2

Axis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(17), e19490.

Zheng L, et al. (2026) PEX5 integrates the p38 MAPK signaling pathway and taurine metabolism to regulate senescence in lung fibroblasts. *Experimental cell research*, 458(1), 114973.

Schneider JL, et al. (2025) GUK1 activation is a metabolic liability in lung cancer. *Cell*, 188(5), 1248.

Miari KE, et al. (2023) Stromal bone marrow fibroblasts and mesenchymal stem cells support acute myeloid leukaemia cells and promote therapy resistance. *British journal of pharmacology*.

Wong KY, et al. (2022) Cancer-associated fibroblasts in nonsmall cell lung cancer: From molecular mechanisms to clinical implications. *International journal of cancer*, 151(8), 1195.

Wang X, et al. (2022) The enhancer rare germline variation rs548071605 contributes to lung cancer development. *Human mutation*, 43(2), 200.

Yin M, et al. (2021) HNRNPA2B1 as a trigger of RNA switch modulates the miRNA-mediated regulation of CDK6. *iScience*, 24(11), 103345.

Huan C, et al. (2021) Gremlin2 Activates Fibroblasts to Promote Pulmonary Fibrosis Through the Bone Morphogenic Protein Pathway. *Frontiers in molecular biosciences*, 8, 683267.

Ohki Y, et al. (2019) Perturbation-Based Proteomic Correlation Profiling as a Target Deconvolution Methodology. *Cell chemical biology*, 26(1), 137.