

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

HLE

RRID:CVCL_1281

Type: Cell Line

Proper Citation

RRID:CVCL_1281

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1281

Proper Citation: RRID:CVCL_1281

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

Sex: Male

Disease: Adult hepatocellular carcinoma

Defining Citation: [PMID:52570](#), [PMID:1778766](#), [PMID:7874267](#), [PMID:8389256](#), [PMID:8835345](#), [PMID:9290701](#), [PMID:9359923](#), [PMID:10523694](#), [PMID:12029633](#), [PMID:12679910](#), [PMID:15767549](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20937217](#), [PMID:22460905](#), [PMID:23505090](#), [PMID:23887712](#), [PMID:25877200](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31063779](#), [PMID:31068700](#), [PMID:31378681](#), [PMID:32899426](#), [PMID:35839778](#)

Comments: Caution: TP53 mutation indicated incorrectly as being at c.747G>T in PubMed=8389256., Population: Japanese., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., 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: HLE

Cross References: BTO:BTO_0005987, CLO:CLO_0009986, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, BioSample:SAMN03473204, cancercellines:CVCL_1281, Cell_Model_Passport:SIDM00064, CGH-DB:9075-4,

ChEMBL-Cells:CHEMBL3308108, ChEMBL-Targets:CHEMBL1075464, Cosmic:907057, Cosmic:945156, Cosmic:1518230, Cosmic:2023859, Cosmic:2162526, Cosmic-CLP:907057, DepMap:ACH-001089, EGA:EGAS00001000978, GDSC:907057, GEO:GSM827170, GEO:GSM887084, GEO:GSM888154, GEO:GSM936757, GEO:GSM1374537, GEO:GSM1669884, GEO:GSM2551566, IARC_TP53:2008, IARC_TP53:21373, JCRB:JCRB0404, LIMORE:HLE, LINCS_LDP:LCL-1939, PharmacDB:HLE_548_2019, PRIDE:PXD030304, Progenetix:CVCL_1281, PubChem_Cell_line:CVCL_1281, TOKU-E:3605, Wikidata:Q54889847

ID: CVCL_1281

Record Creation Time: 20220427T220436+0000

Record Last Update: 20260905T180450+0000

Ratings and Alerts

No rating or validation information has been found for HLE.

No alerts have been found for HLE.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Scott KJ, et al. (2026) Single versus repeated intravenous oncolytic reovirus infusions: Implications for immune modulation and rationalised scheduling of therapy in hepatocellular carcinoma. International journal of cancer, 158(12), 3252.

Taguchi D, et al. (2025) Dual Roles of Canagliflozin on Cholangiocarcinoma Cell Growth and Enhanced Growth Suppression in Combination with FK866. International journal of molecular sciences, 26(3).

Yeung CLS, et al. (2025) Identification of molecular markers and exploration of the oncogenic role of exomeres in hepatocellular carcinoma. Cell reports, 44(11), 116460.

Turnham RE, et al. (2025) HBV Remodels PP2A Complexes to Rewire Kinase Signaling in Hepatocellular Carcinoma. Cancer research, 85(4), 660.

Pérez-Chávez I, et al. (2024) Tracking fructose 1,6-bisphosphate dynamics in liver cancer cells using a fluorescent biosensor. iScience, 27(12), 111336.

Tong M, et al. (2021) Loss of tyrosine catabolic enzyme HPD promotes glutamine anaplerosis through mTOR signaling in liver cancer. Cell reports, 36(8), 109617.

Lendvai G, et al. (2020) The Effect of Methylselenocysteine and Sodium Selenite Treatment on microRNA Expression in Liver Cancer Cell Lines. Pathology oncology research : POR, 26(4), 2669.

Soukupova J, et al. (2017) Role of the Transforming Growth Factor- β in regulating hepatocellular carcinoma oxidative metabolism. Scientific reports, 7(1), 12486.

Hayashi T, et al. (2017) Sporadic PCDH18 somatic mutations in EpCAM-positive hepatocellular carcinoma. Cancer cell international, 17, 94.