

Resource Summary Report

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Huh-7

RRID:CVCL_0336

Type: Cell Line

Proper Citation

(RRID:CVCL_0336)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0336

Proper Citation: (RRID:CVCL_0336)

Sex: Male

Defining Citation: [PMID:6203805](#), [PMID:8224613](#), [PMID:8389256](#), [PMID:8835345](#), [PMID:9290701](#), [PMID:9359923](#), [PMID:10523694](#), [PMID:11152498](#), [PMID:12029633](#), [PMID:15708988](#), [PMID:15767549](#), [PMID:16935386](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:23285155](#), [PMID:23505090](#), [PMID:23887712](#), [PMID:24973239](#), [PMID:25485619](#), [PMID:25574106](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27329724](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29610054](#), [PMID:29774518](#), [PMID:30894373](#), [PMID:31063779](#), [PMID:31068700](#), [PMID:31378681](#), [PMID:31395879](#), [PMID:31903165](#), [PMID:31978347](#), [PMID:32899426](#), [PMID:33193621](#), [PMID:34320349](#), [PMID:34800366](#), [PMID:35839778](#)

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: Mitochondrial proteome analysis., Omics: miRNA expression profiling., Omics: Genome sequenced., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Japanese., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: ENCODE project common cell types; tier 3., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Name: Huh-7

Synonyms: HuH-7, HUH-7, HuH7, Huh7, HUH7, HUH7.0, JTC-39, Japanese Tissue Culture-39

Cross References: BTO:BTO_0001950, CLO:CLO_0009989, CLO:CLO_0050850, CLO:CLO_0050853, EFO:EFO_0005384, MCCL:MCC:0000232, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-MTAB-7847, BioGRID_ORCS_Cell_line:641, BioSample:SAMN03471912, BioSample:SAMN03472130, BioSample:SAMN10987834, cancercellines:CVCL_0336, CCLV:CCLV-RIE 1079, CCRID:1101HUM-PUMC000679, CCRID:3101HUMSCSP526, CCRID:3101HUMTCHu182, CCRID:5301HUM-KCB09070YJ, CCTCC:GDC0134, Cell_Model_Passport:SIDM00585, CGH-DB:453-3, CGH-DB:9072-4, ChEMBL-Cells:ChEMBL3307515, ChEMBL-Targets:ChEMBL614039, CLS:300156, Cosmic:871515, Cosmic:873395, Cosmic:907071, Cosmic:945154, Cosmic:948063, Cosmic:979730, Cosmic:1187330, Cosmic:1351512, Cosmic:1518226, Cosmic:1622751, Cosmic:1995450, Cosmic:2023863, Cosmic:2162528, Cosmic:2321028, Cosmic:2668283, Cosmic:2674232, Cosmic:2771603, Cosmic:2773182, Cosmic-CLP:907071, DepMap:ACH-000480, EGA:EGAS00001000610, EGA:EGAS00001000978, ENCODE:ENCBS226AAA, FCS-free:213-2-437-1-3-3, FCS-free:213-2-540-1-3-3, GDSC:907071, GEO:GSM207048, GEO:GSM388882, GEO:GSM388883, GEO:GSM388884, GEO:GSM481447, GEO:GSM501781, GEO:GSM565880, GEO:GSM816641, GEO:GSM827171, GEO:GSM887149, GEO:GSM888221, GEO:GSM936763, GEO:GSM1178257, GEO:GSM1178258, GEO:GSM1374566, GEO:GSM1669919, GEO:GSM2551570, IARC_TP53:2011, JCRB:JCRB0403, KCB:KCB 200970YJ, KCLB:60104, LiGeA:CCLC_245, LIMORE:HuH7, LINCS_LDP:LCL-1926, Lonza:244, PharmacDB:HuH7_640_2019, PRIDE:PXD001339, PRIDE:PXD005955, PRIDE:PXD008190, PRIDE:PXD023760, PRIDE:PXD028149, PRIDE:PXD028169, PRIDE:PXD028693, PRIDE:PXD030304, Progenetix:CVCL_0336, PubChem_Cell_line:CVCL_0336, RCB:RCB1366, RCB:RCB1942, TKG:TKG 0206, TOKU-E:3614, Ubigene:YC-D001, Wikidata:Q27555640

ID: CVCL_0336

Record Creation Time: 20250131T200952+0000

Record Last Update: 20250131T202425+0000

Ratings and Alerts

No rating or validation information has been found for Huh-7.

No alerts have been found for Huh-7.

Data and Source Information

Usage and Citation Metrics

We found 9226 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wolf G, et al. (2025) The efflux pump ABCC1/MRP1 constitutively restricts PROTAC sensitivity in cancer cells. *Cell chemical biology*, 32(2), 291.

Jiang Z, et al. (2024) CREB3L4 promotes hepatocellular carcinoma progression and decreases sorafenib chemosensitivity by promoting RHEB-mTORC1 signaling pathway. *iScience*, 27(2), 108843.

Wang Z, et al. (2024) Protein and metabolic profiles of tyrosine kinase inhibitors co-resistant liver cancer cells. *Frontiers in pharmacology*, 15, 1394241.

Lachiondo-Ortega S, et al. (2024) SUMOylation controls Hu antigen R posttranscriptional activity in liver cancer. *Cell reports*, 43(3), 113924.

Wang Y, et al. (2024) β -Catenin Activation Reprograms Ammonia Metabolism to Promote Senescence Resistance in Hepatocellular Carcinoma. *Cancer research*, 84(10), 1643.

Magg V, et al. (2024) Turnover of PPP1R15A mRNA encoding GADD34 controls responsiveness and adaptation to cellular stress. *Cell reports*, 43(4), 114069.

Tang H, et al. (2024) Chemically engineered mTOR-nanoparticle blockers enhance antitumour efficacy. *EBioMedicine*, 103, 105099.

Qiu J, et al. (2024) Hypoxia-responsive lncRNA MIR155HG promotes PD-L1 expression in hepatocellular carcinoma cells by enhancing HIF-1 α mRNA stability. *International immunopharmacology*, 136, 112415.

Jochems F, et al. (2024) Senolysis by ABT-263 is associated with inherent apoptotic dependence of cancer cells derived from the non-senescent state. *Cell death and differentiation*.

Zhang L, et al. (2024) SARS-CoV-2 BA.2.86 enters lung cells and evades neutralizing antibodies with high efficiency. *Cell*, 187(3), 596.

Ogega CO, et al. (2024) Convergent evolution and targeting of diverse E2 epitopes by human broadly neutralizing antibodies are associated with HCV clearance. *Immunity*.

Wang ZH, et al. (2024) THAP3 recruits SMYD3 to OXPHOS genes and epigenetically promotes mitochondrial respiration in hepatocellular carcinoma. *FEBS letters*, 598(12), 1513.

Zhou HM, et al. (2024) Inhibition of RhoGEF/RhoA alleviates regorafenib resistance and

cancer stemness via Hippo signaling pathway in hepatocellular carcinoma. *Experimental cell research*, 436(1), 113956.

Torrez CZ, et al. (2024) STEAP2 promotes hepatocellular carcinoma progression via increased copper levels and stress-activated MAP kinase activity. *Scientific reports*, 14(1), 12753.

Bestle D, et al. (2024) Novel proteolytic activation of Ebolavirus glycoprotein GP by TMPRSS2 and cathepsin L at an uncharted position can compensate for furin cleavage. *Virus research*, 347, 199430.

Yang X, et al. (2024) TGF- β 1-Induced LINC01094 promotes epithelial-mesenchymal transition in hepatocellular carcinoma through the miR-122-5p/TGFBR2-SAMD2-SMAD3 Axis. *Functional & integrative genomics*, 24(4), 123.

Chen S, et al. (2024) YTHDF3-mediated m6A modification of NKD1 regulates hepatocellular carcinoma invasion and metastasis by activating the WNT/ β -catenin signaling axis. *Experimental cell research*, 442(1), 114192.

Liu Y, et al. (2024) Upregulated PrPC by HBx enhances NF- κ B signal via liquid-liquid phase separation to advance liver cancer. *NPJ precision oncology*, 8(1), 211.

Ma D, et al. (2024) cGAS suppresses hepatocellular carcinoma independent of its cGAMP synthase activity. *Cell death and differentiation*, 31(6), 722.

Fang Q, et al. (2024) Development of a PCSK9-targeted nanoparticle vaccine to effectively decrease the hypercholesterolemia. *Cell reports. Medicine*, 5(6), 101614.