

Resource Summary Report

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HK-2 [Human kidney]

RRID:CVCL_0302

Type: Cell Line

Proper Citation

(CLS Cat# 305021, RRID:CVCL_0302)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0302

Proper Citation: (CLS Cat# 305021, RRID:CVCL_0302)

Sex: Male

Defining Citation: [PMID:8127021](#), [PMID:20215515](#), [PMID:20555413](#), [PMID:22949125](#), [PMID:28489074](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:33122286](#)

Comments: Omics: Transcriptome analysis by RNAseq., Omics: SNP array analysis., Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Transformed cell line

Name: HK-2 [Human kidney]

Synonyms: Hk-2, HK2, Human Kidney-2

Cross References: BTO:BTO_0003575, CLO:CLO_0003771, EFO:EFO_0022529, MCCL:MCC:0000193, AddexBio:T0011004/4929, ATCC:CRL-2190, BCRC:60097, BioGRID_ORCS_Cell_line:1711, BioSample:SAMN03472562, cancercellines:CVCL_0302, CCRID:3101HUMSCSP511, CCRID:4201HUM-CCTCC00152, CCTCC:GDC0152, Cell_Model_Passport:SIDM01818, ChEMBL-Cells:ChEMBL4295396, ChEMBL-Targets:ChEMBL4296428, CLS:305021, Cosmic:2520628, DepMap:ACH-001087, ENCODE:ENCBS188NWH, GEO:GSM827261, GEO:GSM4009069, GEO:GSM4009073, KCB:KCB 200815YJ, KCLB:22190, Lonza:769, Pharmacodb:HK2_545_2019, Progenetix:CVCL_0302, PubChem_Cell_line:CVCL_0302, Ubigen:YC-C140, Wikidata:Q54889732

ID: CVCL_0302

Vendor: CLS

Catalog Number: 305021

Record Creation Time: 20250131T200558+0000

Record Last Update: 20250131T201901+0000

Ratings and Alerts

No rating or validation information has been found for HK-2 [Human kidney].

No alerts have been found for HK-2 [Human kidney].

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1840 mentions in open access literature.

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

Xu S, et al. (2024) Development of a PAK4-targeting PROTAC for renal carcinoma therapy: concurrent inhibition of cancer cell proliferation and enhancement of immune cell response. EBioMedicine, 104, 105162.

Wang K, et al. (2024) SOX11 as a prognostic biomarker linked to m6A modification and immune infiltration in renal clear cell carcinoma. Translational cancer research, 13(7), 3536.

Han B, et al. (2024) Renal inflammation combined with renal function reserve reduction accelerate kidney aging via pentose phosphate pathway. iScience, 27(6), 110045.

Riscal R, et al. (2024) Bile Acid Metabolism Mediates Cholesterol Homeostasis and Promotes Tumorigenesis in Clear Cell Renal Cell Carcinoma. Cancer research, 84(10), 1570.

Peng R, et al. (2024) Investigating HMGB1 as a potential serum biomarker for early diabetic nephropathy monitoring by quantitative proteomics. iScience, 27(2), 108834.

Zhong D, et al. (2024) Genetic or pharmacologic blockade of mPGES-2 attenuates renal lipotoxicity and diabetic kidney disease by targeting Rev-Erb α /FABP5 signaling. *Cell reports*, 43(4), 114075.

Ni WJ, et al. (2024) HIF-1 α and adaptor protein LIM and senescent cell antigen-like domains protein 1 axis promotes tubulointerstitial fibrosis by interacting with vimentin in angiotensin II-induced hypertension. *British journal of pharmacology*, 181(17), 3098.

Huang HL, et al. (2024) Megalin-targeted acetylcysteine polymeric prodrug ameliorates ischemia-reperfusion-induced acute kidney injury. *Heliyon*, 10(10), e30947.

Li T, et al. (2024) Macrophage migration inhibitory factor (MIF) suppresses mitophagy through disturbing the protein interaction of PINK1-Parkin in sepsis-associated acute kidney injury. *Cell death & disease*, 15(7), 473.

Chen C, et al. (2023) Yishen-Qingli-Huoxue formula attenuates renal fibrosis by inhibiting indoxyl sulfate via AhR/snai1 signaling. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 108, 154546.

Zhang F, et al. (2023) IL-17C neutralization protects the kidney against acute injury and chronic injury. *EBioMedicine*, 92, 104607.

He XY, et al. (2023) Compound-42 alleviates acute kidney injury by targeting RIPK3-mediated necroptosis. *British journal of pharmacology*, 180(20), 2641.

Ji X, et al. (2023) MRPL12-ANT3 interaction involves in acute kidney injury via regulating MPTP of tubular epithelial cells. *iScience*, 26(5), 106656.

Kawabata C, et al. (2023) Acetate attenuates kidney fibrosis in an oxidative stress-dependent manner. *Physiological reports*, 11(14), e15774.

Zandona A, et al. (2023) Biological response and cell death signaling pathways modulated by tetrahydroisoquinoline-based aldoximes in human cells. *Toxicology*, 494, 153588.

Zhang Y, et al. (2023) Comprehensive analysis of the relationship between xanthine oxidoreductase activity and chronic kidney disease. *iScience*, 26(11), 107332.

Huang J, et al. (2023) Minichromosome maintenance 6 protects against renal fibrogenesis by regulating DUSP6-mediated ERK/GSK-3 β /Snail1 signaling. *iScience*, 26(10), 107940.

Kadomatsu T, et al. (2023) ANGPTL2-mediated epigenetic repression of MHC-I in tumor cells accelerates tumor immune evasion. *Molecular oncology*, 17(12), 2637.

Zhengbiao Z, et al. (2023) Circular RNA_HIPK3-Targeting miR-93-5p Regulates KLF9 Expression Level to Control Acute Kidney Injury. *Computational and mathematical methods in medicine*, 2023, 1318817.

Huang Z, et al. (2023) CaMKII may regulate renal tubular epithelial cell apoptosis through YAP/NFAT2 in acute kidney injury mice. *Renal failure*, 45(1), 2172961.