

Resource Summary Report

Generated by [dkNET](#) on Apr 3, 2025

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 [dkNET](#).

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.

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.

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

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

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.

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.