

Resource Summary Report

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HEK293T

RRID:CVCL_0063

Type: Cell Line

Proper Citation

ICLC Cat# HTL04001, RRID:CVCL_0063

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0063

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Description: Cell line HEK293T is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:3031469](#), [PMID:15900046](#), [PMID:25182477](#), [PMID:26694163](#), [PMID:28196595](#), [PMID:28601559](#), [PMID:29468137](#), [PMID:34800366](#)

Comments: Virology: Highly susceptible to infection by Zika virus (ZIKV) (PubMed=29468137)., Part of: MD Anderson Cell Lines Project., Part of: ENCODE project common cell types; tier 3.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HEK293T

Synonyms: Hek293T, HEK-293T, HEK 293T, HEK-293-T, HEK 293 T, 293-T, 293 T, 293T, Human Embryonic Kidney 293T, 293tsA1609neo

Cross References: BTO:BTO_0002181, CLO:CLO_0050894, EFO:EFO_0001082, CLDB:cl7154, Abcam:ab255449, Abcam:ab255593, Abcam:ab282205, AddexBio:T0011002/445, ATCC:CRL-3216, BCRJ:0361, BioGRID_ORCS_Cell_line:267, BioSample:SAMN01821609, BioSample:SAMN03473454, BioSamples:SAMEA2168958, BioSamples:SAMEA2536418, BioSamples:SAMEA2536419, CCLV:CCLV-RIE 1018, CCRID:1101HUM-PUMC000091, CCRID:3101HUMGNHu17, CCRID:3101HUMSCSP502, CCRID:4201HUM-CCTCC00187, CCRID:5301HUM-KCB07044YJ, CCTCC:GDC0187, ChEMBL-Cells:ChEMBL3706569, ChEMBL-

Targets:CHEMBL3706568, CLS:300189, Cosmic:1326280, Cosmic:2440479, DSMZ:ACC-635, DSMZCellDive:ACC-635, ECACC:12022001, ENCODE:ENCBS276VDW, ENCODE:ENCBS319KKV, ENCODE:ENCBS323RYE, ENCODE:ENCBS582KZL, ENCODE:ENCBS634AAA, ENCODE:ENCBS986WKD, FCS-free:6-2-482-1-4-3, GEO:GSM1008573, GEO:GSM5936927, GEO:GSM5936928, GEO:GSM5936929, IBRC:C10683, ICLC:HTL04001, KCB:KCB 200744YJ, Lonza:504, MeSH:D057809, NCBI_Iran:C498, NCBI_Iran:C644, PRIDE:PXD000593, PRIDE:PXD001062, PRIDE:PXD001165, PRIDE:PXD001609, PRIDE:PXD004452, PRIDE:PXD006633, PRIDE:PXD006698, PRIDE:PXD012357, PRIDE:PXD013232, PRIDE:PXD016924, PRIDE:PXD018162, PRIDE:PXD018182, PRIDE:PXD019204, PRIDE:PXD028149, PRIDE:PXD029242, PRIDE:PXD029738, PRIDE:PXD030166, PubChem_Cell_line:CVCL_0063, RCB:RCB2202, TOKU-E:3537, Ubigene:YC-A006, Ubigene:YC-A007, Wikidata:Q27546876

ID: CVCL_0063

Vendor: ICLC

Catalog Number: HTL04001

Hierarchy: cvcl_0045

Record Creation Time: 20250130T071618+0000

Record Last Update: 20260802T005307+0000

Ratings and Alerts

No rating or validation information has been found for HEK293T.

No alerts have been found for HEK293T.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 69244 mentions in open access literature.

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

Pan Z, et al. (2026) OCIAD2-IQGAP1 interaction promotes pancreatic cancer progression by suppressing oxidative stress and mitochondria-mediated apoptosis. Cellular signalling, 138, 112217.

Yang Q, et al. (2026) Molecular mechanism of resistance to lonafarnib conferred by mutations in the cysteine-rich region of respiratory syncytial virus fusion glycoprotein and discovery of a lonafarnib-derived antiviral PROTAC. Journal of virology, 100(1), e0148725.

Hu Y, et al. (2026) Irradiated Tumor Cell-Derived Microparticles Activate Systemic Anti-Tumor Immunity via the STING/NLRP3/GSDMD Axis in Neutrophils. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e14390.

He L, et al. (2026) SATB1 regulates TXNIP inhibiting invasion and infiltration in T-cell acute lymphoblastic leukemia. *Cancer gene therapy*, 33(1), 55.

Mogi M, et al. (2026) Pan-cancer analysis of RNA expression signatures associated with cancer tissue architecture. *British journal of cancer*, 134(1), 141.

Jiang H, et al. (2026) IL-9 as a naturally orthogonal cytokine with optimal JAK/STAT signaling for engineered T cell therapy. *Immunity*, 59(1), 177.

Lahme K, et al. (2026) Autoantibody-triggered podocyte membrane budding drives autoimmune kidney disease. *Cell*, 189(1), 123.

Wang Y, et al. (2026) LncRNA DANCER Activates p38/mTOR-Mediated Autophagy via ANXA2 to Exacerbate Oxygen-Induced Retinal Neovascularization in Mice. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(1), e71364.

Larasati YA, et al. (2026) Pathogenic G-protein Mutants Drive Dominant GPCR Coupling in GNAO1 Encephalopathies. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(1), e71402.

Xie X, et al. (2026) Early Radial Extracorporeal Shockwave Stimulation on Proximal Tibial Circular Osteotomy Site Enhanced Heterotopic Skin Wound Healing via Small Extracellular Vesicles. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e17257.

Gong F, et al. (2026) Calcium overload induced mitochondrial and lysosomal dysfunction is regulated by Tausled-like kinase in α -synucleinopathy. *Cell death & disease*, 17(1), 10.

Chen C, et al. (2026) B cells disrupt tertiary lymphoid structure formation and suppress anti-tumor immunity. *Cancer cell*.

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. *Cell metabolism*.

Liu X, et al. (2026) Connexin 26 Functions as a Direct Transcriptional Regulator During the Cochlea Development. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e14136.

Jiang M, et al. (2026) Dual-faced PUMA in CRC: A cytoplasmic autophagy repressor and mitochondrial mitophagy promoter. *Cellular signalling*, 140, 112363.

Kurochkin I, et al. (2026) A combinatorial transcription factor screening platform for immune cell reprogramming. *Cell systems*, 101457.

Hurley K, et al. (2026) PARP1 recruits SPRTN to DNA-protein crosslinks through a conserved poly-ADP-ribose binding domain. *bioRxiv : the preprint server for biology*.

Fischer S, et al. (2026) Loss of ADAMTS9 disrupts ciliogenesis and collagen homeostasis resulting in Nephronophthisis-like polycystic kidneys. bioRxiv : the preprint server for biology.

Venhuizen AJ, et al. (2026) Hepatocellular carcinoma-linked AXIN1 mutations drive low Wnt/??-catenin activity enabling niche-independent growth and YAP/TAZ signaling. iScience, 29(1), 114501.

Patel UA, et al. (2026) CRISPR Screen Identifies HDAC3 as a Novel Radiosensitizing Target in Small Cell Lung Cancer. Molecular cancer therapeutics, 25(1), 183.