

Resource Summary Report

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HEK293T

RRID:CVCL_0063

Type: Cell Line

Proper Citation

CCLV Cat# CCLV-RIE 1018, RRID:CVCL_0063

Cell Line Information

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

Proper Citation: CCLV Cat# CCLV-RIE 1018, RRID:CVCL_0063

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: CCLV

Catalog Number: CCLV-RIE 1018

Hierarchy: cvcl_0045

Record Creation Time: 20250130T071618+0000

Record Last Update: 20260904T020855+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 70061 mentions in open access literature.

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

Cai Z, et al. (2026) The Cullin3-Ring E3 ubiquitin ligase complex and USP14 regulate spastin-mediated microtubule severing and promotion of neurite outgrowth. *Neural regeneration research*, 21(4), 1641.

van Tienen LM, et al. (2026) Systematic cysteine scanning identifies a druggable pocket in oncogenic KRAS. *Cell chemical biology*, 33(2), 241.

Lu Y, et al. (2026) GAL3ST1-Mediated Histone Tyrosine Sulfation Induced by Cancer-Associated Fibroblasts Promotes Gastric Cancer Metastasis. *Cancer research*, 86(10), 2429.

Cintra RC, et al. (2026) Targeted modulation of IGFL2-AS1 reveals its translational potential in cervical adenocarcinoma. *Molecular oncology*, 20(6), 1643.

Zhang B, et al. (2026) RB-BC: A Novel Ribociclib Derivative Targeting p53-Mediated Apoptosis and Inhibition of Tumor Growth in Breast Cancer. *Chemistry & biodiversity*, 23(2), e02267.

Xie X, et al. (2026) Repression of RIPK1 kinase by INPP5D inhibits expression of diverse proinflammatory mediators and late-onset Alzheimer's disease risk factors. *Immunity*, 59(2), 419.

Tao Y, et al. (2026) TENT5A Maintains MYC mRNA Stability to Enhance Osteosarcoma Stemness. *Cancer research*, 86(9), 2161.

Zhang S, et al. (2026) NuSAP Safeguards Centriole Integrity to Mediate CEP57-CEP152 Torus Recruitment for Proper Engagement. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(19), e15192.

Liu Z, et al. (2026) A LNK-CBL-HNRPA2B1-GPX4 signaling axis mediates dopaminergic neuron vulnerability to ferroptosis in Parkinson's disease. *Redox biology*, 90, 104039.

Ying B, et al. (2026) An intranasal adenoviral-vectored vaccine protects against highly pathogenic avian influenza H5N1 in naive and antigen-experienced animals. *Cell reports. Medicine*, 7(2), 102582.

Stokes MS, et al. (2026) NAD⁺ sensing by PARP7 regulates the C/EBP β -dependent transcription program during adipogenesis. *Cell reports*, 45(2), 116929.

Yu K, et al. (2026) Lactylation enhances YTHDF3 stability to promote cisplatin resistance via m6A-dependent KDM6B decay in bladder cancer. *Cancer letters*, 642, 218282.

Cheng R, et al. (2026) Fenofibrate potentiates the therapeutic efficacy of EZH2 inhibitors on melanoma via TRIM21- and OTUD4-mediated EZH2 ubiquitination. *British journal of pharmacology*, 183(11), 2675.

Zhang Y, et al. (2026) SERPINA3 mediates liver cancer cells escape from chemotherapy-induced neutrophil extracellular trap killing. *Cell reports*, 45(2), 116956.

Qiao M, et al. (2026) ERM Inhibition Confers Ferroptosis Resistance through ROS-Induced NRF2 Signaling. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(16), e13310.

Zhou Z, et al. (2026) The lipid-metabolic enzyme HSD17B12 drives lysosomal degradation of PD-L1 potentiating anti-tumor immunity in a mouse model. *PLoS biology*, 24(1), e3003603.

Hwang JY, et al. (2026) CATSPER β extracellular domains are essential for sperm calcium channel assembly and activity modulation. *Science advances*, 12(5), eadw3414.

Conti L, et al. (2026) Multiphasic lipid nanoparticles: structural heterogeneity drives endosomal bypass for enhanced RNA delivery. *Journal of colloid and interface science*, 709, 139966.

Guo X, et al. (2026) Curcumol Induces Necroptosis of Hepatic Stellate Cells by Targeting KAT8 to Suppress HK2 Lactylation and Promote HUWE1-Dependent Ubiquitination. *International journal of biological sciences*, 22(3), 1648.

Tan XH, et al. (2026) Palmitoylation-Mediated Ubiquitination of SRPK1 Regulates Ferroptosis in High-Fat-Induced Erectile Dysfunction. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(19), e13796.