

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: 20260905T184024+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 [NIF](#) .

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.

Lin W, et al. (2026) FAM135B Deficiency Inhibits Cytotoxic T-cell Activity in Triple-Negative Breast Cancer by Blocking the IFI16-Dependent STING Pathway. Cancer immunology research, 14(2), 335.

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. *Cancer research*, 86(8), 1883.

Hao X, et al. (2026) Engineered CAR-NKT Extracellular Vesicles Suppress Tumor Progression and Enhance Antitumor Immunity. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(13), e21623.

Philbrook P, et al. (2026) Medium-Chain Fatty Acid Receptor GPR84 Modulates Cytotoxic CD8 T-cell Antitumor Immunity through Metabolic Reprogramming. *Cancer immunology research*, 14(4), 640.

Tesfamariam YM, et al. (2026) Poxvirus dsDNA genomes differentially activate AIM2 or NLRP3 inflammasomes in human primary cells. *The EMBO journal*, 45(5), 1728.

Schwartz I, et al. (2026) Guardian ubiquitin E3 ligases target cancer-associated APOBEC3 deaminases for degradation to promote human genome integrity. *Nature communications*, 17(1), 1723.

Tsui M, et al. (2026) Landscape of Allele-Specific Expression in Prostate Cancer Reveals Recurrent, Stage-Specific Events in AR Signaling and Resistance Pathways. *Molecular cancer research : MCR*, 24(4), 242.

Xu W, et al. (2026) Single-nucleus chromatin accessibility and gene expression co-profiling by ISSAAC-seq. *Nature protocols*.

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.

Zhao Y, et al. (2026) IDH1 Reprograms Nucleotide Metabolism by Inducing Chromatin Remodeling and DHODH Transcription to Drive Chemoresistance in Nasopharyngeal Carcinoma. *Cancer research*, 86(8), 2004.

Fan L, et al. (2026) Molecular characterization of Ebola virus glycoprotein V75A substitution in the 2018-2020 epidemic. *Cell*, 189(3), 818.

Lan L, et al. (2026) A Jagged1-regulated hybrid-EMT state identifies pancreatic cancer stem cells. *Cell reports*, 45(2), 116909.

Kamgar M, et al. (2026) Mutant and Wild-Type RAS Cross-talk and Stoichiometric Deficiencies Are Determinants of Sensitivity to Targeted Therapies in KRASG12R Pancreatic Ductal Adenocarcinoma. *Cancer research*, 86(8), 2042.

Ji Y, et al. (2026) Serotonin Modulates Lineage Plasticity in Neuroendocrine Prostate Cancer via Epigenetic Reprogramming. *Cancer discovery*, 16(4), 760.

Minnecci M, et al. (2026) Searching for Novel Antiviral Agents as COVID19 Treatments: Guanidino Diaryl Thioureas. *ChemMedChem*, 21(1), e202501000.

Wang Y, et al. (2026) GPC6 facilitates progression of SHH-subgroup medulloblastoma by enhancing Hedgehog secretion and signaling responses. *Journal of biomedical research*, 40(3), 228.

Yemelyanenko J, et al. (2026) C-Terminal Truncation and Fusion Partner Determine Oncogenicity of FGFR3. *Cancer research*, 86(6), 1372.

Das D, et al. (2026) Functional rescue and AI analysis of a human inactivating GPCR mutation using a small molecule. *EMBO molecular medicine*, 18(2), 725.

Hoffmann C, et al. (2026) Membrane-protein-mediated phase separation orchestrates organelle contact sites. *Molecular cell*, 86(1), 135.