Resource Summary Report

Generated by dkNET on Apr 28, 2025

HEK293T

RRID:CVCL_0063
Type: Cell Line

Proper Citation

(Abcam Cat# ab255449, RRID:CVCL_0063)

Cell Line Information

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

Proper Citation: (Abcam Cat# ab255449, RRID:CVCL_0063)

Sex: Female

Defining Citation: PMID:3031469, PMID:15900046, PMID:25182477, PMID:26694163, PMID:28196595, PMID:28601559, PMID:29468137, PMID:34800366

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Protein expression by reverse-phase protein arrays., Omics: Mitochondrial proteome analysis., Omics: miRNA expression profiling., Omics: Genome sequenced., Omics: Deep proteome analysis., 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

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, EFO:EFO_0001184, 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: Abcam

Catalog Number: ab255449

Record Creation Time: 20250131T200353+0000

Record Last Update: 20250131T201608+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 68026 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Al Kabbani MA, et al. (2025) Effects of P301L-TAU on post-translational modifications of microtubules in human iPSC-derived cortical neurons and TAU transgenic mice. Neural regeneration research, 20(8), 2348.

Ren Z, et al. (2025) A peptide encoded by LINC00944 suppresses the growth of melanoma cells by diminishing EP400-MYC interaction. Biochemical pharmacology, 231, 116652.

Yu J, et al. (2025) Calcineurin: An essential regulator of sleep revealed by biochemical,

chemical biological, and genetic approaches. Cell chemical biology, 32(1), 157.

Huang H, et al. (2025) Structural insights into the biochemical mechanism of the E2/E3 hybrid enzyme UBE2O. Structure (London, England : 1993), 33(2), 274.

McIntyre ABR, et al. (2025) Phosphorylation of a nuclear condensate regulates cohesion and mRNA retention. Nature communications, 16(1), 390.

Chakraborty A, et al. (2025) Identification of ABHD6 as a lysophosphatidylserine lipase in the mammalian liver and kidneys. The Journal of biological chemistry, 301(2), 108157.

Hein MY, et al. (2025) Global organelle profiling reveals subcellular localization and remodeling at proteome scale. Cell, 188(4), 1137.

Chu SN, et al. (2025) Dual ?-globin-truncated erythropoietin receptor knockin restores hemoglobin production in ?-thalassemia-derived erythroid cells. Cell reports, 44(1), 115141.

Lagattuta KA, et al. (2025) The T cell receptor sequence influences the likelihood of T cell memory formation. Cell reports, 44(1), 115098.

Zhou B, et al. (2025) IMPDH2 dephosphorylation under FGFR signaling promotes S-phase progression and tumor growth. Cell reports, 44(1), 115116.

Khoury Damaa M, et al. (2025) Cyclin O controls entry into the cell-cycle variant required for multiciliated cell differentiation. Cell reports, 44(1), 115117.

Wang J, et al. (2025) Salsolinol as an RNA m6A methylation inducer mediates dopaminergic neuronal death by regulating YAP1 and autophagy. Neural regeneration research, 20(3), 887.

Melo Garcia L, et al. (2025) Overcoming CD226-related immune evasion in acute myeloid leukemia with CD38 CAR-engineered NK cells. Cell reports, 44(1), 115122.

Vallbracht M, et al. (2025) Nucleocapsid assembly drives Ebola viral factory maturation and dispersion. Cell, 188(3), 704.

Abelman RO, et al. (2025) TOP1 Mutations and Cross-Resistance to Antibody-Drug Conjugates in Patients with Metastatic Breast Cancer. Clinical cancer research : an official journal of the American Association for Cancer Research.

Wang Q, et al. (2025) The nanoscale organization of the Nipah virus fusion protein informs new membrane fusion mechanisms. eLife, 13.

Xu SB, et al. (2025) KPNA3 regulates histone locus body formation by modulating condensation and nuclear import of NPAT. The Journal of cell biology, 224(1).

Rössler A, et al. (2025) Nonhuman primate antigenic cartography of SARS-CoV-2. Cell reports, 44(1), 115140.

Champagne J, et al. (2025) Adoptive T cell therapy targeting an inducible and broadly shared product of aberrant mRNA translation. Immunity, 58(1), 247.

Liebau RC, et al. (2024) Transcription-Coupled Repair of DNA Interstrand Crosslinks by UVSSA. bioRxiv : the preprint server for biology.