

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

HEK293T SMARCB1-/-

RRID:CVCL_QW54

Type: Cell Line

Proper Citation

RRID:CVCL_QW54

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_QW54

Proper Citation: RRID:CVCL_QW54

Description: Cell line HEK293T SMARCB1-/- is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:28945250](#)

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HEK293T SMARCB1-/-

Synonyms: SMARCB1-/- HEK293T, BAF47-knockout HEK293T

Cross References: Wikidata:Q54882490

ID: CVCL_QW54

Hierarchy: cvcl_0063

Record Creation Time: 20220427T220329+0000

Record Last Update: 20260815T233730+0000

Ratings and Alerts

No rating or validation information has been found for HEK293T SMARCB1-/-.

No alerts have been found for HEK293T SMARCB1-/-.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Pu Y, et al. (2026) TEAD1 Enhances Exosome Secretion and Promotes Exosome-Mediated Tissue Regeneration. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(25), e14104.

Xie T, et al. (2026) Region-Resolved Integrative Multi-Omic Characterization Reveals Diverse Tumor and Microenvironment Features of Pituitary Neuroendocrine Tumors. *Molecular & cellular proteomics : MCP*, 25(6), 101583.

Bai L, et al. (2025) Cancer biomarkers discovered using pan-cancer plasma proteomic profiling. *Nature biomedical engineering*.

Xu Y, et al. (2025) Serum Proteomics Reveals Diagnostic Biomarkers and Molecular Pathways in Cerebral Palsy. *Nature communications*, 16(1), 10253.

He S, et al. (2025) Integrated plasma and vegetation proteomic characterization of infective endocarditis for early diagnosis and treatment. *Nature communications*, 16(1), 5052.

Qu Y, et al. (2025) Proteogenomic Analysis Identifies Clinically Relevant Subgroups of Collecting Duct Carcinoma. *Research (Washington, D.C.)*, 8, 0859.

Li L, et al. (2024) Comprehensive Proteogenomic Profiling Reveals the Molecular Characteristics of Colorectal Cancer at Distinct Stages of Progression. *Cancer research*, 84(17), 2888.

Hu Q, et al. (2024) BLMP-1 is a critical temporal regulator of dietary-restriction-induced response in *Caenorhabditis elegans*. *Cell reports*, 43(3), 113959.

Li L, et al. (2023) Integrative proteogenomic characterization of early esophageal cancer. *Nature communications*, 14(1), 1666.

Li L, et al. (2023) Comprehensive proteogenomic characterization of early duodenal cancer reveals the carcinogenesis tracks of different subtypes. *Nature communications*, 14(1), 1751.

Yao Z, et al. (2023) Proteogenomics of different urothelial bladder cancer stages reveals distinct molecular features for papillary cancer and carcinoma in situ. *Nature communications*, 14(1), 5670.

Shi W, et al. (2023) Multilevel proteomic analyses reveal molecular diversity between diffuse-type and intestinal-type gastric cancer. *Nature communications*, 14(1), 835.

Qu Y, et al. (2022) Proteogenomic characterization of MiT family translocation renal cell carcinoma. *Nature communications*, 13(1), 7494.

Qu Y, et al. (2022) A proteogenomic analysis of clear cell renal cell carcinoma in a Chinese population. *Nature communications*, 13(1), 2052.

Lee JH, et al. (2022) Alzheimer's disease protease-containing plasma extracellular vesicles transfer to the hippocampus via the choroid plexus. *EBioMedicine*, 77, 103903.

Brody AH, et al. (2022) Alzheimer risk gene product Pyk2 suppresses tau phosphorylation and phenotypic effects of tauopathy. *Molecular neurodegeneration*, 17(1), 32.

Li Y, et al. (2022) Proteomic characterization of gastric cancer response to chemotherapy and targeted therapy reveals new therapeutic strategies. *Nature communications*, 13(1), 5723.

Rijal P, et al. (2019) Therapeutic Monoclonal Antibodies for Ebola Virus Infection Derived from Vaccinated Humans. *Cell reports*, 27(1), 172.

Lee S, et al. (2019) Pyk2 Signaling through Gaf1 and RhoA GTPase Is Required for Amyloid-?? Oligomer-Triggered Synapse Loss. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(10), 1910.