# Resource Summary Report

Generated by RRID 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 RRID .


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.

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

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

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 Graf1 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.