

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

HEK293T(DMT1)

RRID:CVCL_HA71

Type: Cell Line

Proper Citation

Kerafast Cat# EF4002, RRID:CVCL_HA71

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_HA71

Proper Citation: Kerafast Cat# EF4002, RRID:CVCL_HA71

Description: Cell line HEK293T(DMT1) is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:16984886](#)

Comments: Characteristics: Useful to screen for potential iron transport inhibitors (Kerafast=EF4002).

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HEK293T(DMT1)

Synonyms: DMT1 Expressing HEK293T Cell Line

Cross References: ABM:T6000, Kerafast:EF4002, Wikidata:Q54882492

ID: CVCL_HA71

Vendor: Kerafast

Catalog Number: EF4002

Hierarchy: cvcl_0063

Record Creation Time: 20250130T071619+0000

Record Last Update: 20260905T184025+0000

Ratings and Alerts

No rating or validation information has been found for HEK293T(DMT1).

No alerts have been found for HEK293T(DMT1).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Fang T, et al. (2025) A novel indirubin- 3-monoxime derivative I3MV- 8b exhibits remarkable cytotoxicity against multiple myeloma by targeting TRIM28. Biomarker research, 13(1), 57.

Hu B, et al. (2025) RNF126 suppresses amino acid-mediated mTORC1 signaling pathway by ubiquitinating ILF3 in HEK293T cells. Cellular signalling, 112110.

Yang Y, et al. (2024) SPOP negatively regulates mTORC1 activity by ubiquitinating Sec13. Cellular signalling, 116, 111060.

Zhuang Q, et al. (2024) RNA Methyltransferase FTSJ3 Regulates the Type I Interferon Pathway to Promote Hepatocellular Carcinoma Immune Evasion. Cancer research, 84(3), 405.

Zheng SM, et al. (2024) MILIP Binding to tRNAs Promotes Protein Synthesis to Drive Triple-Negative Breast Cancer. Cancer research, 84(9), 1460.

Shi Y, et al. (2023) IGF2BP2 promotes ovarian cancer growth and metastasis by upregulating CKAP2L protein expression in an m6 A-dependent manner. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 37(10), e23183.

Nóbrega-Pereira S, et al. (2023) Mitochondrial Metabolism Drives Low-density Lipoprotein-induced Breast Cancer Cell Migration. Cancer research communications, 3(4), 709.

Folly-Kossi H, et al. (2023) DNA2 Nuclease Inhibition Confers Synthetic Lethality in Cancers with Mutant p53 and Synergizes with PARP Inhibitors. Cancer research communications, 3(10), 2096.

Suzuki T, et al. (2023) β -Catenin Drives Butyrophilin-like Molecule Loss and β T-cell Exclusion in Colon Cancer. Cancer immunology research, 11(8), 1137.

Tantawy SI, et al. (2023) Mechanisms of MCL-1 Protein Stability Induced by MCL-1 Antagonists in B-Cell Malignancies. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(2), 446.

Guyot B, et al. (2023) An Early Neoplasia Index (ENI10), Based on Molecular Identity of CD10 Cells and Associated Stemness Biomarkers, is a Predictor of Patient Outcome in Many Cancers. *Cancer research communications*, 3(9), 1966.

Zeng K, et al. (2023) Inhibition of CDK1 Overcomes Oxaliplatin Resistance by Regulating ACSL4-mediated Ferroptosis in Colorectal Cancer. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 10(25), e2301088.

Thomas NJ, et al. (2023) Mapping chromatin state and transcriptional response in CIC-DUX4 undifferentiated round cell sarcoma. *bioRxiv : the preprint server for biology*.

Li J, et al. (2023) Gastric cancer derived exosomal THBS1 enhanced V α 9V β 2 T-cell function through activating RIG-I-like receptor signaling pathway in a N6-methyladenosine methylation dependent manner. *Cancer letters*, 576, 216410.

Fonteneau G, et al. (2022) Stress Granules Determine the Development of Obesity-Associated Pancreatic Cancer. *Cancer discovery*, 12(8), 1984.

Yu Z, et al. (2022) Indirubin-3'-monoxime acts as proteasome inhibitor: Therapeutic application in multiple myeloma. *EBioMedicine*, 78, 103950.

Rodriguez-Ramirez C, et al. (2022) p53 Inhibits Bmi-1-driven Self-Renewal and Defines Salivary Gland Cancer Stemness. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(21), 4757.