

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

T HESCs

RRID:CVCL_C464

Type: Cell Line

Proper Citation

ATCC Cat# CRL-4003, RRID:CVCL_C464

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_C464

Proper Citation: ATCC Cat# CRL-4003, RRID:CVCL_C464

Description: Cell line T HESCs is a Telomerase immortalized cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:14726435](#)

Category: Telomerase immortalized cell line

Organism: Homo sapiens (Human)

Name: T HESCs

Synonyms: THESCs

Cross References: ATCC:CRL-4003, BioSample:SAMN03471714, Wikidata:Q54971321

ID: CVCL_C464

Vendor: ATCC

Catalog Number: CRL-4003

Record Creation Time: 20250130T072842+0000

Record Last Update: 20260905T184143+0000

Ratings and Alerts

No rating or validation information has been found for T HESCs.

No alerts have been found for T HESCs.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Zhang K, et al. (2026) Zinc Finger Protein 143 Promotes Endometriotic Lesion Growth and Fibrosis through the Plasminogen Activator Inhibitor-1 Pathway. The American journal of pathology.

Li X, et al. (2026) Endometrial Assembloid Model Reveals Endometrial Gland Development Regulation by Estradiol-Driven WNT7B Suppression. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(13), e09664.

Zhang J, et al. (2024) Deficiency of UCHL1 results in insufficient decidualization accompanied by impaired dNK modulation and eventually miscarriage. Journal of translational medicine, 22(1), 478.

Lv M, et al. (2024) TSLP enhances progesterin response in endometrial cancer via androgen receptor signal pathway. British journal of cancer, 130(4), 585.

Dalla Torre M, et al. (2024) Mitochondria remodeling during endometrial stromal cell decidualization. Life science alliance, 7(12).

Zhang Z, et al. (2024) Oestrogen promotes the progression of adenomyosis by inhibiting CITED2 through miR-145. Reproductive biomedicine online, 49(6), 104108.

Thapa R, et al. (2023) ATOH8 Expression Is Regulated by BMP2 and Plays a Key Role in Human Endometrial Stromal Cell Decidualization. Endocrinology, 165(1).

Huang P, et al. (2022) SOX4 facilitates PGR protein stability and FOXO1 expression conducive for human endometrial decidualization. eLife, 11.

Karvas RM, et al. (2022) Stem-cell-derived trophoblast organoids model human placental development and susceptibility to emerging pathogens. Cell stem cell, 29(5), 810.

Rytken KT, et al. (2022) Histone H3K4me3 breadth in hypoxia reveals endometrial core functions and stress adaptation linked to endometriosis. iScience, 25(5), 104235.

Mika K, et al. (2021) Evolutionary transcriptomics implicates new genes and pathways in human pregnancy and adverse pregnancy outcomes. eLife, 10.

Hong X, et al. (2021) Biological effects of NODAL on endometrial cancer cells and its underlying mechanisms. Experimental and therapeutic medicine, 21(4), 402.

Xiong Y, et al. (2020) Bisphenol a affects endometrial stromal cells decidualization, involvement of epigenetic regulation. *The Journal of steroid biochemistry and molecular biology*, 200, 105640.

Huang J, et al. (2019) Protective role of GPR120 in the maintenance of pregnancy by promoting decidualization via regulation of glucose metabolism. *EBioMedicine*, 39, 540.