

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

CT27

RRID:CVCL_A7AZ

Type: Cell Line

Proper Citation

RCB Cat# RCB4936, RRID:CVCL_A7AZ

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A7AZ

Proper Citation: RCB Cat# RCB4936, RRID:CVCL_A7AZ

Description: Cell line CT27 is a Somatic stem cell with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:29249463](#), [PMID:32178868](#)

Comments: Senescence: Senescences at 150 PDL (RCB=RCB4936)., Characteristics: Trophoblast stem cell line.

Category: Somatic stem cell

Organism: Homo sapiens (Human)

Name: CT27

Synonyms: TS^{^(CT)}#1

Cross References: RCB:RCB4936, Wikidata:Q107114737

ID: CVCL_A7AZ

Vendor: RCB

Catalog Number: RCB4936

Record Creation Time: 20220427T215526+0000

Record Last Update: 20260829T231931+0000

Ratings and Alerts

No rating or validation information has been found for CT27.

No alerts have been found for CT27.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Shaha SZ, et al. (2026) aPKC-?? III promotes trophoblast fusion by altering Par-3 interactions with Hippo signaling kinase LATS1. Stem cell reports, 21(7), 102975.

Shannon MJ, et al. (2024) Single-cell assessment of primary and stem cell-derived human trophoblast organoids as placenta-modeling platforms. Developmental cell, 59(6), 776.

Logsdon DM, et al. (2024) Transcriptome comparisons of trophoblasts from regenerative cell models with peri-implantation human embryos. Biology of reproduction.

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.