

Resource Summary Report

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

TWNT-4

RRID:CVCL_W296

Type: Cell Line

Proper Citation

RRID:CVCL_W296

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_W296

Proper Citation: RRID:CVCL_W296

Description: Cell line TWNT-4 is a Telomerase immortalized cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Epithelioid hemangioendothelioma

Defining Citation: [PMID:12953924](#)

Comments: Characteristics: Transduced with a retroviral vector SSR#197 (MoMLV/LTR-LoxP-hTERT-IRES-EGFP-LoxP-MoMLV/LTR) expressing hTERT and eGFP flanked by a pair of loxP sites., Characteristics: Because it has been transduced by a construct containing LoxP sites, transfection with the Cre recombinase eliminates the TERT gene thus reverting the cells to a non-immortal phenotype., Population: Japanese.

Category: Telomerase immortalized cell line

Organism: Homo sapiens (Human)

Name: TWNT-4

Synonyms: TWNT4

Cross References: Wikidata:Q54973429

ID: CVCL_W296

Hierarchy: cvcl_0390

Record Creation Time: 20220427T221638+0000

Record Last Update: 20260905T182612+0000

Ratings and Alerts

No rating or validation information has been found for TWNT-4.

No alerts have been found for TWNT-4.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Trinh VQ, et al. (2023) Hepatic stellate cells maintain liver homeostasis through paracrine neurotrophin-3 signaling that induces hepatocyte proliferation. Science signaling, 16(787), eadf6696.