

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[hTCEpi](#)

RRID:CVCL_AQ44

Type: Cell Line

Proper Citation

Evercyte Cat# CHT-045-0237, RRID:CVCL_AQ44

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_AQ44

Proper Citation: Evercyte Cat# CHT-045-0237, RRID:CVCL_AQ44

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

Sex: Male

Defining Citation: [PMID:15671271](#), [PMID:17543179](#), [PMID:21780919](#), [PMID:29787296](#)

Comments: Part of: Human Protein Atlas, Cell Atlas panel.

Category: Telomerase immortalized cell line

Organism: Homo sapiens (Human)

Name: hTCEpi

Synonyms: hTCE-Pi, human Telomerase-immortalized Corneal Epithelial cell line, THCE, Telomerase-immortalized Human Corneal Epithelial cells

Cross References: BTO:BTO_0004498, Evercyte:CHT-045-0237, GEO:GSM7701472, GEO:GSM7701473, Wikidata:Q54896606

ID: CVCL_AQ44

Vendor: Evercyte

Catalog Number: CHT-045-0237

Record Creation Time: 20250423T100906+0000

Record Last Update: 20260920T012444+0000

Ratings and Alerts

No rating or validation information has been found for hTCEpi.

No alerts have been found for hTCEpi.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Troughton LD, et al. (2026) Laminin N-terminus ??31 regulates corneal epithelial cell adhesion and migration through modifying the organization and proteolytic processing of laminin 332. PloS one, 21(1), e0338797.

Dai Y, et al. (2024) A highly selective inhibitor of discoidin domain receptor-1 (DDR1-IN-1) protects corneal epithelial cells from YAP/ACSL4-mediated ferroptosis in dry eye. British journal of pharmacology, 181(21), 4245.

Zhang Y, et al. (2022) Propagation dynamics of electrotactic motility in large epithelial cell sheets. iScience, 25(10), 105136.